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chemical name field
NEWS 3 OCT 06 Increase your retrieval consistency with new formats or
for Taiwanese application numbers in CA/CAPLUS.
NEWS 4 OCT 21 CA/CAPLUS kind code changes for Chinese patents
increase consistency, save time
NEWS 5 OCT 22 New version of STN Viewer preserves custom
highlighting of terms when patent documents are
saved in .rtf format
NEWS 6 OCT 28 INPADOCDB/INPAFAMDB: Enhancements to the US national
patent classification.
NEWS 7 NOV 03 New format for Korean patent application numbers in
CA/CAPLUS increases consistency, saves time.
NEWS 8 NOV 04 Selected STN databases scheduled for removal on
December 31, 2010
NEWS 9 NOV 18 PROUSDDR and SYNTHLINE Scheduled for Removal
December 31, 2010 by Request of Prou Science
NEWS 10 NOV 22 Higher System Limits Increase the Power of STN
Substance-Based Searching
NEWS 11 NOV 24 Search an additional 46,850 records with MEDLINE
backfile extension to 1946
NEWS 12 DEC 14 New PNK Field Allows More Precise Crossover among STN
Patent Databases
NEWS 13 DEC 18 ReaxysFile available on STN
NEWS 14 DEC 21 CAS Learning Solutions -- a new online training experience
NEWS 15 DEC 22 Value-Added Indexing Improves Access to World Traditional
Medicine Patents in CAPLUS
NEWS 16 JAN 24 The new and enhanced DPCI file on STN has been released
NEWS 17 JAN 26 Improved Timeliness of CAS Indexing Adds Value to
USPATFULL and USPAT2 Chemistry Patents
NEWS 18 JAN 26 Updated MeSH vocabulary, new structured abstracts, and
other enhancements improve searching in STN reload of
MEDLINE
NEWS 19 JAN 28 CABA will be updated weekly

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:05:03 ON 04 FEB 2011

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.23

0.23

FILE 'REGISTRY' ENTERED AT 09:05:28 ON 04 FEB 2011

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2011 HIGHEST RN 1262099-55-7

DICTIONARY FILE UPDATES: 3 FEB 2011 HIGHEST RN 1262099-55-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

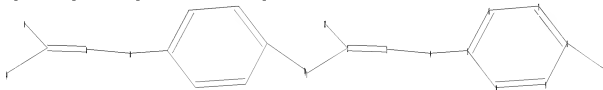
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\105514141.str



chain nodes :

1 2 3 4 11 12

ring nodes :

5 6 7 8 9 10

chain bonds :

1-2 2-3 2-12 3-4 4-5 8-11

ring bonds :

5-6 5-10 6-7 7-8 8-9 9-10

exact/norm bonds :

1-2 2-3 3-4 4-5 8-11

exact bonds :

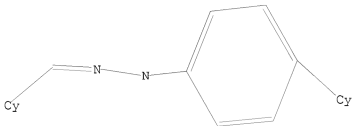
2-12

normalized bonds :
5-6 5-10 6-7 7-8 8-9 9-10

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 09:05:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 39000 TO ITERATE
100.0% PROCESSED 39000 ITERATIONS 32 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 768190 TO 791810
PROJECTED ANSWERS: 301 TO 979

L2 32 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 09:05:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 783146 TO ITERATE

100.0% PROCESSED 783146 ITERATIONS 586 ANSWERS
SEARCH TIME: 00.00.05

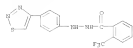
L3 586 SEA SSS FUL L1

=> s l3 and caplus/lc
73574402 CAPLUS/LC
L4 516 L3 AND CAPLUS/LC

=> s l3 not l4
L5 70 L3 NOT L4

=> d l5 60

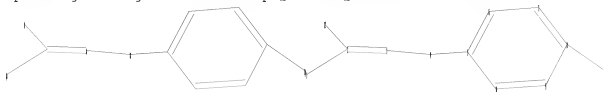
LI APPROX 60 OF 70 REGISTRY COPYRIGHT 2011 ACS on STM
 RI 213584-70-8 REGISTRY
 ED Entered STM 26 Jan 2006
 CH Benzoic acid, 2-(trifluoromethyl)-,
 2-[4-[1,2,3-thiadiazol-4-yl]phenyl]hydrazide (CA INDEX NAME)
 MF C16 H13 F3 N4 O 2
 SA CAS Client Services
 LC STM Files: CRYSTALS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\105514141.str



chain nodes :
1 2 3 4 11 12
ring nodes :
5 6 7 8 9 10
chain bonds :
1-2 2-3 2-12 3-4 4-5 8-11
ring bonds :
5-6 5-10 6-7 7-8 8-9 9-10
exact/norm bonds :
1-2 2-3 3-4 4-5 8-11
exact bonds :
2-12
normalized bonds :
5-6 5-10 6-7 7-8 8-9 9-10

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L6 STRUCTURE UPLOADED

=> s 16 subset=13 full

FULL SUBSET SEARCH INITIATED 09:06:58 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 586 TO ITERATE

100.0% PROCESSED 586 ITERATIONS

393 ANSWERS

SEARCH TIME: 00.00.01

L7 393 SEA SUB=L3 SSS FUL L6

=> s 17 and caplus/lc

73574402 CAPLUS/LC

L8 338 L7 AND CAPLUS/LC

=> s 17 not 18

L9 55 L7 NOT L8

=> d 19 40

LA JENSEN 40 OF 55 REGISTRY COPYRIGHT 2011 ACS on STM

RE 658715-86-2 REGISTRY

ED Entrez MEDLINE 04-Jun-2004

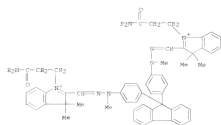
CH 36-Indole, 2,2'-[96-fluorene-9-ylidenebis(4,1-phenylene)](2-methyl-2-

hydrazinyl-1-ylidene)methylidene]]bis[1-[3-amino-3-oxopropyl)-5,3-dimethyl-1H-imidazo[4,5-b]pyridine]]

MF C35 H34 N8 O2

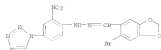
CI COM

SA CA



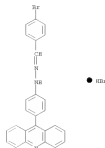
=> d 19 41-55

L3 ANWER 41 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 394704-61-9 REGISTRY
 ED Entered STN: 15 Feb 2001
 CN 1,3-Benzodioxole-5-carboxaldehyde, 6-bromo-,
 2-[4-nitro-6-(1H-tetrazol-1-yl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH 1,3-Benzodioxole-5-carboxaldehyde, 6-bromo-,
 [5-nitro-4-(1H-tetrazol-1-yl)phenyl]hydrazono (SCI)
 MF C13 H10 N4 O4
 SA Chemical Library
 SC Suppliers: LateTest
 LC STN Files: CCRCCAT5

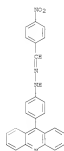


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANWER 42 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 379540-70-4 REGISTRY
 ED Entered STN: 06 Jan 2001
 CN Benzaldehyde, 4-bromo-, 2-[4-(9-acridinyl)phenyl]hydrazono, hydrobromide
 (1:1) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 4-bromo-, [4-(9-acridinyl)phenyl]hydrazono,
 monohydrobromide
 (SCI)
 MF C26 H18 Br N3 O H Br
 SA Reaction Database
 LC STN Files: CASREACT
 CSH (752143-00-9)



L3 ANWER 43 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 337958-42-7 REGISTRY
 ED Entered STN: 24 May 2001
 CN Benzaldehyde, 4-nitro-, 2-[4-(9-acridinyl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 4-nitro-, [4-(9-acridinyl)phenyl]hydrazono (SCI)
 MF C26 H18 N4 O4
 SA Reaction Database
 LC STN Files: CASREACT



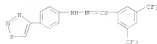
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANWER 44 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 253865-16-6 REGISTRY
 ED Entered STN: 31 Jan 2000
 CN Benzaldehyde, 4-chloro-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 4-chloro-, [4-(5-oxazolyl)phenyl]hydrazono (SCI)
 MF C16 H12 Cl N2 O
 SA CAS Client Services
 LC STN Files: CCRCCAT5



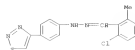
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANWNER 45 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 253564-44-7 REGISTRY
 ED Entered STM: 27 Jan 2000
 CN Benzaldehyde, 3,5-bis(trifluoromethyl)-, 2-[4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 3,5-bis(trifluoromethyl)-, [4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (BCI)
 MF C17 H10 F6 N4 S
 SK CAS Client Services
 LC STM Files: CHEMCATS



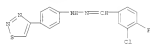
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANWNER 46 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 253586-78-6 REGISTRY
 ED Entered STM: 28 Jan 2000
 CN Benzaldehyde, 2-chloro-6-methyl-, 2-[4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 2-chloro-6-methyl-, [4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (BCI)
 MF C16 H13 Cl N4 S
 SK CAS Client Services
 LC STM Files: CHEMCATS



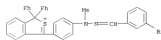
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANWNER 47 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 253586-77-3 REGISTRY
 ED Entered STM: 28 Jan 2000
 CN Benzaldehyde, 3-chloro-6-fluoro-, 2-[4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CH Benzaldehyde, 3-chloro-6-fluoro-, [4-(1,2,3-thiadiazol-6-yl)phenyl]hydrazono (BCI)
 MF C15 H10 Cl F N4 S
 SK CAS Client Services

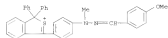


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

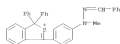
L3 ANWNER 48 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 173993-43-2 REGISTRY
 ED Entered STM: 08 Mar 1994
 CN 1a-Benzotriazin-3-[4-[[[3-bromophenyl]methyl]amino]phenyl]-1,1-diphenyl- (BCI) (CA INDEX NAME)
 MF C14 H25 Br N2 S
 CI C06
 SK CA



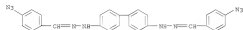
L9 ANSWER 49 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 173993-63-0 REGISTRY
 ED Entered STM: 09 Mar 1996
 CN 18-Benzo[c]thiazolium, 3-[4-[[[4-(4-methylphenyl)methylene]methylhydrazino]phenyl]-2,1-diphenyl- (PCI) (CA INDEX NAME)
 MF C18 R29 R2 O S
 CI COH
 SA CA



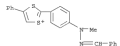
L9 ANSWER 50 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 173993-61-8 REGISTRY
 ED Entered STM: 09 Mar 1996
 CN 18-Benzo[c]thiazolium, 3-[4-[methyl(phenylmethylene)hydrazino]phenyl]-2,1-diphenyl- (PCI) (CA INDEX NAME)
 MF C18 R27 R2 S
 CI COH
 SA CA



L9 ANSWER 51 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 163798-15-6 REGISTRY
 ED Entered STM: 01 Nov 1995
 CN Benzo[d]hydrazone, 4-azido-, [1,1'-biphenyl]-4,4'-diylldihydrazono (PCI) (CA INDEX NAME)
 MF C24 R20 R2 O
 SA CAR Client Services
 LC STM Files: CHMGLST



L9 ANSWER 52 OF 55 REGISTRY COPYRIGHT 2011 ACS on STN
 RN 79912-16-9 REGISTRY
 ED Entered STM: 16 Nov 1984
 CN 1,3-Dithiol-1-ium, 2-[4-[1-methyl-2-(phenylmethylene)hydrazino]phenyl]-4-phenyl- (CA INDEX NAME)
 OTHER CA INDEX NAME:
 CN 1,3-Dithiol-2-ium, 2-[4-[methyl(phenylmethylene)hydrazino]phenyl]-4-phenyl- (PCI)
 MF C23 R19 R2 R2
 CI COH



The chemical structure of the dicationic complex [2]²⁺ is shown. It consists of two 1,3-dimethyl-4,5-dihydro-2H-benzotriazol-2-ylidene groups connected to a central 4,4'-biphenylene moiety. The central biphenylene unit is linked to the two triazolene rings via imine bonds (C=N). The triazolene rings are shown in a zwitterionic form with a positive charge on the nitrogen atom and a negative charge on the carbon atom. The methyl groups are attached to the 1 and 3 positions of the triazolene rings.

*C#Nc1ccc(cc1)-c2c3ccccc3nc3ccccc23

● 228

=> fil caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
294.72	294.95

FILE 'CAPLUS' ENTERED AT 09:09:43 ON 04 FEB 2011
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COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

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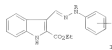
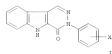
FILE COVERS 1907 - 4 Feb 2011 VOL 154 ISS 7
FILE LAST UPDATED: 3 Feb 2011 (20110203/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

[illegible]

```
08 CITING REF COURT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS
RECORD
(1 CITINGS)
REFERENCE COURT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR
THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
```

10/10 ANMER 2 OF 59 CAPUS COPYRIGHT NOTICE ALL ACS ON STM
ACCESSION NUMBER: 2009/15/20507 CAPUS
DOCUMENT NUMBER: 152/456027
TITLE:
Syntheses of some new 3-aryl derivatives of
3-aryl-4-oxo-7,8,9-trisubstituted-2,3-bisphosphor-
thioamides, Shota A. Kalatashvili, Akaki Z.
Khvachidze, Isaac Sh. Stolz, Daniel Karmali, Uli
Inge Savelski-Hall Thailat State University,
Georgia
SOURCE:
Sericia
Nakartvelos Memoriabeta Akademii Mame, Kunis
(2009), 35(2), 162-166
CUBIN JAMBLI
Prosvetovstvo-Jadatel'shne Ob'edinenie
Jurnal
Buzias
OTHER SOURCE TYPE:
CASKAC72 152/456027

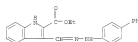


A8 The general method of syntheses of
3-aryl-4-oxo-3H,5H-pyridinolo[4,5-b]indoles I [R = Cl, Br, Ph, p-
MeO-C₆H₄, m-OMe-C₆H₄, n-Bu-C₆H₄] was studied. In order to detect new
compounds, with beneficial properties, new 3-aryl-4-oxo derivative of,
3H,5H-pyridino[4,5-b]indoles which are heterocyclic at three nitrogen
atoms has analysis of synthesis have been synthesized.
2-(f-hydroxycarbonyl)indole has been selected as a key compound for the
synthesis. Cl-, Br-, NO₂ groups of the second Ph and benzyl are
contained in the hydrazine fragment of the Ph core. The optimum conditions,
boiling
in acy acetic acid during 1-3 h, have been chosen for cyclization of the
hydrazones II [R = Cl, Br, CMePh, X = Cl, Br, Ph, p-OMe, m-OMe, n-
Bu].
B7 120215-15-CP
120215-15-CP
Synthesis; HPLC; MSN (Synthetic preparation); PREP (Preparation) / RNC7
(Reagent or reagent)
[preparation and cyclocondensation of; syntheses of some new 3-aryl
derivative.

```

110 ANSWER 2 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
      of 3-aryl-4-oxo-3H,5H-pyridinazolo[4,5-b]indoles)
FN  1220252-13-0 CAPLUS
CN  1X-Indole-2-carboxylic acid, 3-[(2-[1,1'-biphenyl]-4-
    ylhidrazinylidene)methyl]-, ethyl ester (CA INDEX NAME)

```

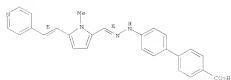


10/0 ANMERK 3 OF 59 CAPS COPYRIGHT NOTED ACS ON STD
 ALLOCATION NUMBER: 200909172104
 DOCUMENT NUMBER: 151,319051
 TITLE: Self-Assembly from the Gas-Phase: Design and
 Implementation of Small-Molecule Chromophore
 Preursors with a Hydroxylamine-Linked Organic
 Framework, Davis, Michael; Schiano, Nicholas; Facchetti,
 Antonio; Bates, Mark A.; Marder, Brian J.
 Department of Chemistry and the Materials Research
 Center, Northwestern University, Evanston, IL,
 60208-1113, USA
 SOURCE: Journal of the American Chemical Society 120(9),
 151(35), 12595-12612
 CODEN: JACSAT 15881 0002-7863
 American Chemical Society
 Journal
 English
 CAPSNOTED 151,319051

ABSTRACT: Efficient hole-transporting materials (HTMs) are essential for the development of efficient organic light-emitting diodes (OLEDs). However, the synthesis and processing of HTMs are still a significant materials synthesis and processing challenge, in part due to intermolecular dipolar interactions that promote cationic aggregation. Herein, we report the synthesis, characterization, and characterization of a series of eight heterocyclic, organic carbophores, which are self-organizing and can be used to create hydrogen-bonded networks, into acenaphtho thin films. Introduction of a π -donor/acceptor hydrogen-bonding substituent allows the introduction of a donor-acceptor interaction into the polymer backbone, which, in turn, can alter the electronic properties, film-forming properties, and macroscopic OLED response (η). DFT-based calculations and experimental data suggest that the introduction of a donor-acceptor interaction into the polymer backbone can increase the hole-transporting ability of the polymer, and the introduction of a donor-acceptor interaction into the polymer backbone can increase the hole-transporting ability of the polymer. © 2012 Wiley Periodicals, Inc. *J Polym Sci Part A: Polym Chem* 50: 1192–1202, 2012

[illegible]

Double bond geometry as shown.

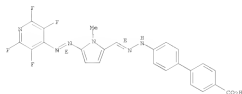


7B 1185741-89-2 CAPLUS

ON 11,11'-biphenyl-4-carboxylic acid,

4'-[(1E)-2-[(1E)-2-[(1E)-2-(2,3,5,6-tetrafluoro-4-pyridinyl)diarynyl]-1H-pyrazol-2-yl]methylene]hydrazinyl]- (CA INDEX NAME)

Double bond geometry as shown.



ON CITING REF COUNT: 5

RECORD

REFERENCE COUNT: 165

THERE ARE 5 CAPLUS RECORDS THAT CITE THIS
(5 CITINGS)
THERE ARE 165 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE
FORMAT

ACCESSION NUMBER: 2007139071

DOCUMENT NUMBER: 149155944

TITLE:

Orally administered amyloidophilic compounds is effective in prolonging the incubation periods of animals orally infected with prion disease in a prion strain-dependent manner

AUTHOR(S):

Kawachi, Toshiyuki; Kawachi, Toshiyuki; Chen, Chun-peng; Toriya, Kenji; Sakagawa, Toshiyuki; Dehara, Katsunori; Department of Prion Research, Tokyo University Graduate School of Medicine, Sendai, Japan

SOURCE:

Journal of Virology 120(7): 8112(3), 1207-1209

PUBLISHER:

AMERICAN SOCIETY FOR MICROBIOLOGY

DOCUMENT TYPE:

Journal

LANGUAGE:

English

AB The establishment of effective therapeutic interventions for prion diseases is necessary. We report on a newly developed amyloidophilic compound that displays therapeutic efficacy when administered orally.

This compound inhibited abnormal prion protein formation in prion-infected neuroblastoma cells in a prion strain-dependent manner: effectively for

PrP^{Sc} prion and marginally for 22L prion and Fukusaka-1 prion. When the

highest dose (0.24 mg/kg) was given orally to orally infected PrP^{Sc}

prion-inoculated mice from inoculation until the terminal stage of

disease, it extended the incubation periods by 2.1 times compared to the

control. The compound exerted therapeutic efficacy in a prion

strain-dependent manner such as that observed in the cell culture study;

most

effective for PrP^{Sc} prion, less effective for 22L prion or Fukusaka-1 prion,

and marginally effective for 263K prion. Its effectiveness depended on

an

earlier start of administration. The glycoform pattern of the abnormal

prion protein in the treated mice was modified and showed predominance of

the diglycosylated form, which resembled that of 263K prion, suggesting

that diglycosylated forms of abnormal prion protein might be least

sensitive or resistant to the compound. The mechanism of the prion

strain-dependent effectiveness needs to be elucidated and managed.

Nevertheless, the identification of an orally available amyloidophilic

chemical encourages the pursuit of chemotherapy for prion diseases.

IT 714216-55-4 714217-91-1 714217-93-3

714217-60-4 714217-91-1 714217-93-3

100153-74-2

ELV PrP^{Sc} (Pharmacological activity); PrP^{Sc} (Pharmacokinetics); PrP^{Sc}

(Therapeutic use); PrP^{Sc} (Biological study); PrP^{Sc} (Use)

Orally administered amyloidophilic compounds are effective in

prolonging

the incubation periods of animals orally infected with prion

diseases in a prion strain-dependent manner

7B 714216-55-4 CAPLUS

ON 4-Pyridinylmethylidene, 2-[4-(5-oxazolylphenyl)hydrazono] (CA INDEX NAME)



7B 714217-12-4 CAPLUS

ON Benzaldehyde, 4-[(1-piperazinyl)-, 2-[4-(5-oxazolylphenyl)hydrazono] (CA INDEX NAME)



PAGE 1-A

PAGE 2-A



7B 714217-49-9 CAPLUS

ON Benzaldehyde, 4-[(1-piperazinyl)-, 2-[4-(5-oxazolylphenyl)hydrazono]methyl]- (CA INDEX NAME)

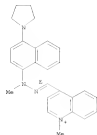


7B 714217-49-9 CAPLUS

ON Benzaldehyde, 4-[(1-piperazinyl)-, 2-[4-(5-oxazolylphenyl)hydrazono]methyl]- (CA INDEX NAME)

NAME
 CH 1
 CHN 915999-64-1
 CSM C 63 64 5

Double bond geometry as shown.



CH 2
 CHN 21228-90-0
 CSM C 63 64 5

Me-O-SO₃⁻

RI 915999-75-4 CAPLUS
 CH Quinolinol, 1-methyl-2-[(1,3-dimethyl-2-[4-(1-pyridinylidene)-3-
 methyl-1-oxo-1,3-dihydro-2H-pyridin-2-ylidene]methyl], methyl sulfate (1:1) (CA INDEX
 NAME)

CH 1
 CHN 915999-74-3
 CSM C 63 64 5

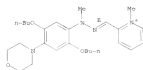
Double bond geometry as shown.

ACCESSION NUMBER: 2007-137683 CAPLUS
 DOCUMENT NUMBER: 147474291
 TITLE: Polycyclic monocationic monochromophoric compounds
 of
 the hydrazone type comprising a 4-pyridinyl or
 2,4-quinolinol group, their synthesis, hair dye
 compositions comprising them, and process for dyeing
 keratin fibers
 Inventor(s): David, Harvey Murguet, Hadege, Graeven, Andrew
 Patent Address(es): 1'Oréal, Fr.
 Source: Fr. Demande, 81pp.
 Document Type: COSENT. PUBLIS.
 Language: French
 Family Acc. Num. Count: 2
 Patent Information: Patent

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2898997	A1	20071019	FR 2006-3322	20060419
FR 2898997	B1	20080267		
WO 2007112338	A1	20071109	WO 2007-785111	20070419
US 2007112338	A1	20071109	US 2007-785111	20070419
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UU 2007112338				

L10 ANEXER 6 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)
 dyo compo. comprising then, and process for dyeing keratin fibers)
 IN 951545-74-0 CAPLUS
 CH Pyridazinone, 2-[5-[(2-[2,5-dimethyl-4-(4-morpholinyl)phenyl]-2-methylthiazolylidene)methyl]-1-methyl-, methyl sulfate (1:1) (CA INDEX NAME)
 CH 1
 CHN 951585-74-9
 CNE C26 H19 N4 O3

Double bond geometry as shown.



CH 2

CHN 91238-90-0

CNE C 83 O 4 S

Me-C-SO₃

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

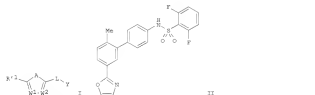
FORMAT

L10 ANEXER 7 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)
 ACCESSION NUMBER: 2007-846914 CAPLUS
 DOCUMENT NUMBER: 147429151
 TITLE: Substituted aromatic compounds for inflammation and immune-related uses and their preparation
 INVENTOR(S): Chem. Shengyi Sun, Liying Xue, Yu
 PATENT ASSIGNER(S): Synta Pharmaceuticals Corp., USA
 SOURCE: ECT Int. Appl., 113pg.
 DOCUMENT TYPE: OTHER: F3302
 LANGUAGE: English
 FAMILY REC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007087441	A2	20070802	WO 2007-082705	20070115
WO 2007087441	A3	20071108		
W, AU, AR, AT, BR, BE, BG, BF, BR, BY, BY, CA, CH, CN, CO, CU, DE, DK, EE, EG, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LA, LC, LG, LI, LT, LU, LV, MD, MG, MK, NP, PE, PG, PL, PT, RU, SC, SE, SI, SK, SL, SM, SV, SW, TH, TR, TS, TW, UA, US, VE, VN, ZA, ZM, ZW				
Me AT, BE, BG, BR, BY, CA, CH, CN, CO, CU, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LA, LC, LG, LI, LT, LU, LV, MD, MG, MK, NP, PE, PG, PL, PT, RU, SC, SE, SI, SK, SL, SM, SV, SW, TH, TR, TS, TW, UA, US, VE, VN, ZA, ZM, ZW				
CA 2460202	A1	20070802	AU 2007-206279	20070115
US 2007024950	A1	20070802	CA 2007-264009	20070115
EP 193971	A2	20070802	US 2007-038706	20070115
EP 193971	A2	20070802	EP 2007-161467	20070115
JP 200918993	T	20090913	JP 2008-552473	20070115
PRIORITY APPL. INFO.1			US 2006-762169P	P 20060115
			WO 2007-082705	W 20070115

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN L505 DISPLAY FORMAT
 OTHER SOURCE(S): CSEARCH 147429151; NALFAC 147429151
 CI

L10 ANEXER 7 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



AB The invention relates to compds. of structural formula I, formula I, or a pharmaceutically acceptable salt, solvate, clathrate, or prodrug thereof. Compd. of formula I wherein R is O, S, N, and deriv. CH=CH, NH, etc.; W and W are independently CH, N, C-alkyl, C-alkenyl, etc.; Y is (unsubstituted hetero)aryl; L is H or C=O and deriv., CH=CH and deriv., CO, HCO and deriv., etc.; D is (unsubstituted hetero)aryl and deriv. pharmaceutically acceptable salts, solvates, clathrates, or prodrugs thereof, are claimed. These compds. are useful as immunosuppressive agents and for treating and preventing inflammatory conditions, allergic disorders, and immune disorders. Example compound II was prepared by cross-coupling of 2-(5-iodo-4-methylphenyl)oxazole with 4-(4,4,4-trifluorophenyl)-1,3,5-triazole-2-thiol to give compound II. All the invention compds. were evaluated for their IL-2 production inhibitory activity.

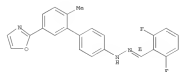
From the assay, it was determined that compound II exhibited an IC50 value in the range of 50 nM < and < 500 nM.
 IT 945386-04-9 CAPLUS
 945386-04-9P 945386-04-9P 945386-03-9P
 945386-03-9P 945386-10-7P 945386-11-8P
 S4 PAC (Pharmalogical activity); S80 (Synthetic preparation); T80 (Therapeutic use); B02 (Biological study); P80 (Preparation); U80 (Use)

(drug candidate; preparation of oxazole-substituted biphenyl and pyridophenyl deriv. useful in treatment and prevention of inflammatory conditions, allergic and immune diseases)

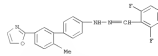
NO 945386-04-9 CAPLUS
 CH Benzaldehyde, 2,6-difluoro-,
 2-[2'-methyl-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazono (CA INDEX NAME)

Double bond geometry as shown.

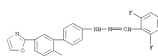
L10 ANEXER 7 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



NO 945386-04-9 CAPLUS
 CH Benzaldehyde, 2,6-difluoro-,
 2-[2'-methyl-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazono (CA INDEX NAME)



NO 945386-04-9 CAPLUS
 CH Benzaldehyde, 2,6-difluoro-,
 2-[2'-methyl-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazono (CA INDEX NAME)



NO 945386-04-9 CAPLUS
 CH Benzaldehyde, 2,6-difluoro-,
 2-[2'-methyl-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazono (CA INDEX NAME)

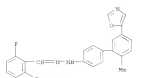


FIG 945186-01-2 CAPLUS
 (C) Benzaldehyde, 2,4-difluoro-, 2-[2'-methyl-5'-(1,3,4-oxadiazol-2-yl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

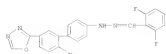


FIG 945186-08-3 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-, 2-[2'-methyl-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

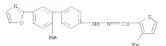


FIG 945186-09-4 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-, 2-[2'-chloro-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

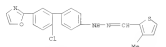


FIG 945186-10-7 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-,

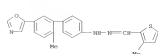


FIG 945186-11-8 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-, 2-[2'-methyl-5'-(1,3,4-oxadiazol-2-yl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

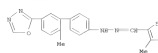


FIG 945186-09-4 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-, 2-[2'-chloro-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)



FIG 945186-09-4 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-, 2-[2'-chloro-5'-(2-oxazolyl)[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)



FIG 945186-10-7 CAPLUS
 (C) 2-Thiophenecarboxaldehyde, 3-methyl-,

SECTION NUMBER:
 DOCUMENT NUMBER:
 TITLE:
 INVENTOR(S):
 Notohara;
 INVENTOR ASSIGNOR(S):
 Fujitsu Electric Device Technology Co., Ltd., Japan;
 Takasago International Corporation
 SOURCE:
 PCT Int. Appl., 60pp.
 COEDIT: PAK202
 LANGUAGE:
 PATENT INFORMATION:
 FAMILY ACC. NUM. COUNTRY:
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007070652	A1	2007-07-26	WO 2007-070654	2007-07-17
M: AU, AG, AL, AM, AT, AX, BA, BB, BG, BR, BS, BY, BE, CA, CH, CN, CO, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LU, LV, MA, MG, MK, MN, MU, MV, MW, MY, NZ, OM, PA, PE, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, SR, SV, TH, TM, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
INT: AU, BG, CH, CN, CU, DE, DK, EE, ES, FI, FR, GB, GR, HU, IL, IN, JP, KR, KZ, LB, LU, LV, MA, MG, MK, MN, MU, MV, MW, MY, NZ, OM, PA, PE, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, SR, SV, TH, TM, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
DE 11050701.72	C5	2009-12-24	DE 2007-11007000.72	2007-11-17
KR 2008-023025	A	2008-01-17	KR 2008-701649	2008-07-09
CN 101371321	A	2009-02-18	CN 2007-80001686	2008-07-18
US 2009-017793	A1	2009-12-24	US 2008-07899	2008-01-01
PRIORITY APPL. INFO.:			JP 2006-10183	2006-04-18
			WO 2007-070654	M 2007-01-17

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LISTS DISPLAY FORMAT
 OTHER SOURCE(S):
 CIT

110 ANSWER 8 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
 disclosed is a compound having excellent electron transporting ability, which is useful for electrophotographic, photosensitive bodies or organic EL devices. Also disclosed is a highly sensitive, pos. charge type electrophotographic, photosensitive body for copying machines and printers, wherein the novel organic material is used as a charge-transferring material.

In a photosensitive layer. Further disclosed is an electrophotographic apparatus using such a pos. charge type electrophotographic, photosensitive body. Specifically disclosed is a novel quinone compound having a structure represented by the general formula 1 (R1-R = H, Cl-d-alkyl, cycloalkyl, R2, R3, R4 = H, Cl-d-alkyl, aryl, heterocyclyl; R1, R2 = halo, Cl-d-alkyl, Cl-d-alkoxy, Cl-d-benzyloxy; OR, nitro, aryl, heterocyclyl; n, m = 0-4). Also specifically disclosed is an electrophotographic, photosensitive body having a photosensitive layer formed on a conductive base and containing a charge-generating material and a charge-transferring material, wherein the photosensitive layer contains at least one of the above-described compds.

FIG 943977-34-2F 943977-34-2F 943977-35-2F
 943977-34-2F 943977-35-2F
 R1: RCT (Reactant); R2M (Synthetic preparation); R2P (Preparation); RACT (Reactant or reactant)
 (quinone compound synthesis; quinone compound having excellent transporting ability suitable for use in electrophotographic, photosensitive body and organic electroluminescent device)

FIG 943977-35-1 CAPLUS
 (C) Benzaldehyde, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2-[4'-(2-[[[5,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methylene]hydrazinyl]-2,2'-dichloro[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

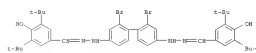
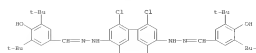


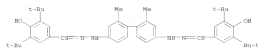
FIG 943977-34-2 CAPLUS
 (C) Benzaldehyde, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2-[4'-(2-[[[5,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methylene]hydrazinyl]-2,2',5',5'-tetrachloro[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

hydroxyphenyl]methylene]hydrazinyl]-2,2',5',5'-tetrachloro[1,1'-biphenyl]-4-yl]hydrazide (CA INDEX NAME)

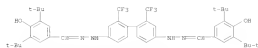


L10 ANSWER 8 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)

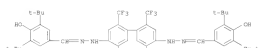
IN 945977-35-3 CAPLUS
 CH Benzaldehyde, 3,5-bis[1,2-dimethylallyl]-4-hydroxy-,
 2-[4'-[2-[[1,5-bis[1,2-dimethylallyl]-4-
 hydroxyphenyl]methylethynyl]phenyl]-7,2'-dimethyl[1,2'-biphenyl]-4-
 ylidrazones (CA INDEX NAME)



IN 945977-36-4 CAPLUS
 CH Benzaldehyde, 3,5-bis[1,2-dimethylallyl]-4-hydroxy-,
 2-[4'-[2-[[1,5-bis[1,2-dimethylallyl]-4-
 hydroxyphenyl]methylethynyl]phenyl]-7,2'-dimethyl[1,2'-biphenyl]-4-ylidrazones (CA INDEX NAME)

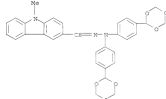


IN 945977-37-5 CAPLUS
 CH Benzaldehyde, 3,5-bis[1,2-dimethylallyl]-4-hydroxy-,
 2-[4'-[2-[[1,5-bis[1,2-dimethylallyl]-4-
 hydroxyphenyl]methylethynyl]phenyl]-7,2'-dimethyl[1,2'-biphenyl]-4-ylidrazones (CA INDEX NAME)



REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RECORD.

L10 ANSWER 9 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)



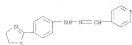
L10 ANSWER 9 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 2005-21579 CAPLUS
 DOCUMENT NUMBER: 141269164
 TITLE: Electrophoretographic photoreceptors having excellent mechanical strength and electric properties
 INVENTOR(S): Daichi, Atsushi; Katsuhiko, Morihara
 PATENT ASSIGNER(S): Canon Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.
 DOCUMENT TYPE: OTHER: JPO/APP
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005042301	A	2005-03-10	JP 2003-29711	2003-09-08
PRIORITY APPL. INFO.			JP 2003-29711	2003-09-08

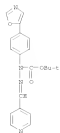
OTHER SOURCE(S): NUSPAT 141269164
 AB The photoreceptors have photoreceptorizable surface layers containing chain-polymerized and -nongopolymerizable the 1st and the 2nd charge-transporting compds. A and B at A/B (weight) 100:15.0-45.0). The

1st charge-transporting compd. may be PkA[EPDm]A - charge-transporting group R₁, R₂ = chain-polymerizable functional group a, b, d = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 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795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 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110 ANSWER 10 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)
 HN 774236-54-3 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[(4-{4,5-dihydro-2-thiazolyl}phenyl)hydrazono
 (CA INDEX NAME)]



HN 774236-56-5 CAPLOS
 CN Hydrazinecarboxylic acid, 1-[4-{5-oxazolyl}phenyl]-2-[4-
 pyridyl(methyl)ester]-, 1,2-dimethyl ester (CA INDEX NAME)



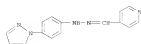
HN 774236-57-6 CAPLOS
 CN Acetic acid, 2-[4-{5-oxazolyl}phenyl]-2-[4-pyridyl(methyl)ester]hydrazide
 (CA INDEX NAME)



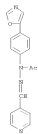
HN 774236-62-1 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{4-iodo-5-oxazolyl}phenyl]hydrazono (CA
 INDEX NAME)



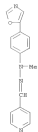
HN 774236-63-4 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{(R)-pyrazol-3-yl}phenyl]hydrazono (CA
 INDEX NAME)



110 ANSWER 10 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)



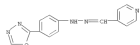
HN 774236-58-7 CAPLOS
 CN 6-Pyridinecarboxaldehyde, 2-methyl-2-[4-{5-oxazolyl}phenyl]hydrazono (CA
 INDEX NAME)



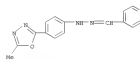
HN 774236-59-8 CAPLOS
 CN Hydrazinecarboxylic acid, 1-[4-{4-iodo-5-oxazolyl}phenyl]-2-[4-
 pyridyl(methyl)ester]-, 1,1-dimethyl ester (CA INDEX NAME)



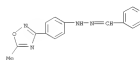
110 ANSWER 10 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)
 HN 774236-64-5 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{(1,3,4-oxadiazol-2-yl)phenyl]hydrazono
 (CA INDEX NAME)



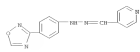
HN 774236-65-6 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{5-methyl-1,3,4-oxadiazol-2-
 yl}phenyl]hydrazono (CA INDEX NAME)



HN 774236-66-7 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{5-methyl-1,2,4-oxadiazol-3-
 yl}phenyl]hydrazono (CA INDEX NAME)

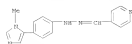


HN 774236-67-8 CAPLOS
 CN 4-Pyridinecarboxaldehyde, 2-[4-{(1,2,4-oxadiazol-3-yl)phenyl]hydrazono
 (CA INDEX NAME)

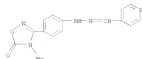


HN 774236-68-9 CAPLOS

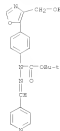
L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 CN 4-Pyridinecarboxaldehyde, 2-[4-(1-methyl-1H-imidazol-5-yl)phenyl]hydrazonone
 (CA INDEX NAME)



RII 774274-69-0 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-[4-(4,5-dihydro-4-methyl-5-oxo-1,2,4-oxadiazol-3-yl)phenyl]hydrazonone (CA INDEX NAME)

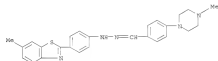


RII 774274-70-3 CAPLUS
 CN Hydrazinecarboxylic acid, 1-[4-(4-{[hydrazonomethyl]-5-oxazolyl}phenyl)-2-(4-pyridinylmethyl)amino]-1,3-dimethyl ester (CA INDEX NAME)

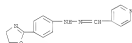


RII 774274-71-4 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-[4-(4-{hydrazonomethyl}-5-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)

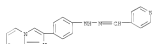
L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



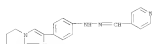
RII 774274-75-8 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-[4-(4,5-dihydro-2-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)



RII 774274-78-3 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-[4-(4,5-dihydro-2-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)

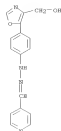


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 CN 4-Pyridinecarboxaldehyde, 2-[4-(4,5-dihydro-2-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)

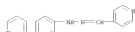


RII 774274-81-4 CAPLUS
 CN Benzaldehyde, 4-(dimethylamino)-, 2-[4-(5-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)

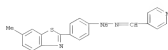
L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



RII 774274-72-5 CAPLUS
 CN 6-Pyridinecarboxaldehyde, 2-[4-(3-pyridinyl)phenyl]hydrazonone (CA INDEX NAME)



RII 774274-73-6 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-[4-(6-methyl-2-benzothiazolyl)phenyl]hydrazonone (CA INDEX NAME)

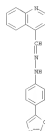


RII 774274-74-7 CAPLUS
 CN Benzaldehyde, 4-(4-methyl-3-piperazinyl)-, 2-[4-(6-methyl-2-benzothiazolyl)phenyl]hydrazonone (CA INDEX NAME)

L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



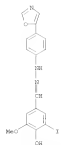
RII 774274-82-7 CAPLUS
 CN 4-Quinolincarboxaldehyde, 2-[4-(5-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)



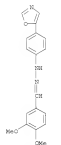
RII 774274-84-9 CAPLUS
 CN Benzaldehyde, 2-[4-(5-oxazolyl)phenyl]hydrazonone (CA INDEX NAME)



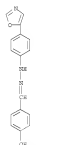
RN 774236-85-Q CAPLUS
CH Benzaldehyde, 4-hydroxy-3-iodo-5-methoxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



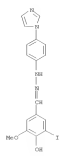
RN 774236-86-1 CAPLUS
CH Benzaldehyde, 4-hydroxy-3-iodo-5-methoxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



RN 774236-89-4 CAPLUS
CH Benzaldehyde, 4-hydroxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



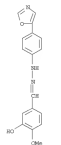
RN 774236-90-7 CAPLUS
CH Benzaldehyde, 3-hydroxy-4-methoxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



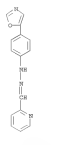
RN 774236-87-2 CAPLUS
CH Benzaldehyde, 4-hydroxy-3-methoxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



RN 774236-88-3 CAPLUS
CH Benzaldehyde, 3,4-dimethoxy-, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



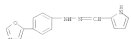
RN 774236-91-8 CAPLUS
CH 2-Pyridylbenzaldehyde, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



RN 774236-92-9 CAPLUS
CH 3-Pyridylbenzaldehyde, 2-[(4-{5-oxazolyl})phenyl]hydrazono (CA INDEX NAME)



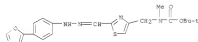
774236-91-0 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide (CA INDEX NAME)



774236-94-1 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



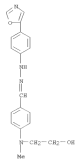
774236-99-6 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



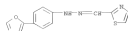
774237-00-2 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



774237-01-3 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



774236-95-2 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



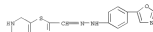
774236-97-4 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



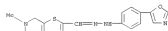
774237-02-4 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



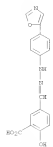
774237-03-5 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



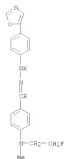
774237-04-6 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



774237-05-7 CAPLUS
CN 2-(4-(5-oxazolyl)phenyl)hydrazonamide, 4-[(15-hydroxyethyl)amino]methyl-, 2-[4-(5-oxazolyl)phenyl]hydrazonamide (CA INDEX NAME)



HN 774237-06-8 CAPLUS
CN Benzaldehyde, 4-[[2-(2-fluoroethyl)methylamino]-2-[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)

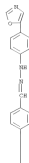


HN 774237-01-9 CAPLUS
CN Benzaldehyde, 4-[[2-(2-fluoroethyl)methylamino]-2-[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)



HN 774237-06-8 CAPLUS
CN Benzaldehyde, 4-[(4-methyl-1-piperazinyl)-2-[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)

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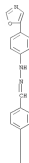
HN 774237-09-1 CAPLUS
CN 2-Piperazinecarboxylic acid, 4-[[2-[[2-[[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]-2,2-dimethylethyl]ester] (CA INDEX NAME)



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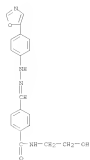
PAGE 1-A



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HN 774237-11-5 CAPLUS
CN Benamide, N-[(2-hydroxyethyl)-4-[[2-[[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]- (CA INDEX NAME)

(Continued)



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320  774237-12-6  CAPLUS
C20  Benzaldehyde, 4-(4-morpholinylmethyl)-,
    2-[4-(5-oxazoly1)phenyl]hydrone
    (CA INDEX NAME)

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L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

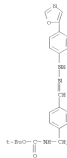
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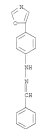
NN 774237-13-7 CAPLUS
CN Carbanic acid,
[[4-[[[4-(5-oxazolyl)phenyl]hydrazono]methyl]phenyl]methyl]-
, 1,3-dimethyllethyl ester (PCI) (CA INDEX NAME)

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EN 774237-14-8 CAPLUS
 CN Benzaldehyde, 4-(aminomethyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA
 INDEX NAME)

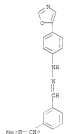
110 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



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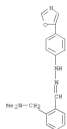
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R00  774237-15-9  CAPLUS
CN   Benzaldehyde, 3-[(dimethylamino)methyl]-,
      2-[4-[5-oxazolyl]phenyl]hydrazono  (CA INDEX NAME)

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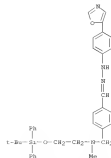


774237-16-0 CAS#08
Benzaldehyde, 2-[(dimethylamino)methyl]-,
2-[4-(5-oxazolyl)phenyl]hydrazones (CA INDEX NAME)

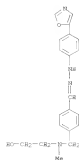
L10 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



FN 774237-17-1 CAPLOS
CN Benzaldehyde, 4-[[12-[[[2,2-dimethylethyl]diphenylsilyl]oxy]ethyl]methylamino]methyl]-, 2-[4-(5-oxa-2-yl)phenyl]hydrazone (CA INDEX NAME)



RN 774237-18-2 CAPLUS
 CN Benzaldehyde, 4-[[[2-hydroxyethyl)methylamino)methyl]-,
 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



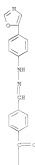
XX 774237-19-3 CAPLUS
 CN Acetamide,
 N-[4-[[2-[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]-
 (CA INDEX NAME)



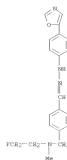
XX 774237-20-6 CAPLUS
 CN Benzaldehyde, 4-[[[2-fluoroethylmethylamino]methyl]-
 2-[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)



XX 774237-23-9 CAPLUS
 CN Benzaldehyde, 4-[[[4-methyl-1-piperazinyl]carbonyl]-
 1-[2-[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)



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XX 774237-21-7 CAPLUS
 CN Benzenesulfonic acid, 4-[[2-[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]-
 (CA INDEX NAME)



XX 774237-22-8 CAPLUS
 CN Benzenesulfonamide, N,N-dimethyl-4-[[2-[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]-
 (CA INDEX NAME)

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XX 774237-24-0 CAPLUS
 CN Benzaldehyde, 4-[[[dimethylamino]methyl]-
 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)



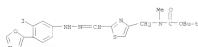
XX 774237-25-1 CAPLUS
 CN Benzaldehyde, 4-(4-methyl-1-piperazinyl)-
 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)

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HN 774237-26-2 CAPLUS
CN Carbenic acid, [[2-[[[3-iodo-4-(5-oxazolyl)phenyl]hydrazono[methyl]-4-thiazolyl]methyl]methyl-, 1,1-dimethylethyl ester (PC1)] (CA INDEX NAME)

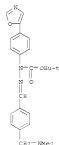


HN 774237-27-3 CAPLUS
CN 2-Thiazolylmethylmethyl-, 4-[[methylamino]methyl]-, 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)

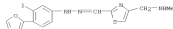
110 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)
CN Benzaldehyde, 4-[[dimethylamino]methyl]-3-iodo-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



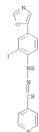
HN 774237-31-9 CAPLUS
CN Hydrazinecarboxylic acid, 2-[[4-[[dimethylamino]methyl]phenyl]methylamino]-1-[4-(5-oxazolyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



HN 774237-32-0 CAPLUS
CN Hydrazinecarboxylic acid, 2-[[4-[[dimethylamino]methyl]phenyl]methylamino]-1-[4-(4-iodo-5-oxazolyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



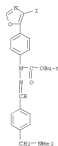
HN 774237-28-4 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[2-iodo-4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



HN 774237-29-5 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



HN 774237-30-8 CAPLUS



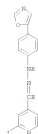
HN 774237-33-1 CAPLUS
CN Benzaldehyde, 4-[[dimethylamino]methyl]-, 2-[4-(4-iodo-5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



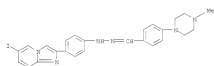
HN 774237-34-2 CAPLUS
CN 4-Pyridinecarboxaldehyde, 3-iodo-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



RD 774237-75-7 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-iodo-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



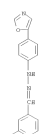
RD 774237-76-4 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-fluoro-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



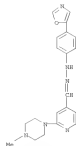
RD 774237-47-7 CAPLUS
CN Benzaldehyde, 4-fluoro-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



RD 774237-48-8 CAPLUS
CN Benzaldehyde, 4-amino-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



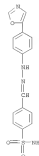
RD 774237-77-5 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-(4-methyl-1-piperazinyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



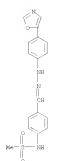
RD 774237-79-7 CAPLUS
CN Benzaldehyde, 8-(6-methyl-1-piperazinyl)-, 2-[4-(6-iodoisindol-2-yl)phenyl]hydrazono (CA INDEX NAME)



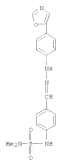
RD 774237-49-9 CAPLUS
CN Benzaldehyde, 4-(2-ethyl-1-methyl-4-piperidinyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



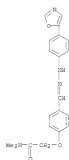
RD 774237-50-2 CAPLUS
CN Methanemalonamide, N-[4-[[2-[4-(5-oxazolyl)phenyl]hydrazonylidene]methyl]phenyl]- (CA INDEX NAME)



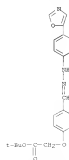
XX 774237-51-3 CAPLUS
CN 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)



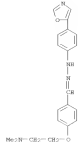
XX 774237-52-4 CAPLUS
CN Benzoic acid, 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)



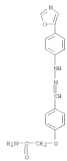
XX 774237-55-7 CAPLUS
CN Acetic acid, 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



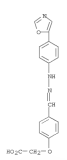
XX 774237-56-8 CAPLUS
CN Acetic acid, 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)



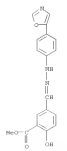
XX 774237-53-5 CAPLUS
CN Acetic acid, 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)



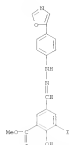
XX 774237-54-6 CAPLUS
CN Acetic acid, 2-[[4-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)



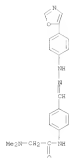
XX 774237-57-9 CAPLUS
CN Benzoic acid, 2-hydroxy-5-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]-, methyl ester (CA INDEX NAME)



XX 774237-58-8 CAPLUS
CN Benzoic acid, 2-hydroxy-3-iodo-5-[[2-[[4-(5-oxa-2-yl)phenyl]hydrazinylidene]methyl]-, methyl ester (CA INDEX NAME)



774237-59-1 CAPLOS
Acetanide, 2-(dimethylamino)-N-[4-[[2-[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]- (CA INDEX NAME)

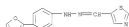


320 774237-60-4 CAPLUS
 C20 Benzaldehyde, 4-[(methylanino)methyl]-,
 2-[4-(5-oxazolyl)phenyl]hydratone
 (CA INDEX NAME)

PAGE 2-A



SM 774237=63-7 CAPLOS
 CN 5-Thiazolecarboxaldehyde, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



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001 774237-64-8 CAPLUS
002 2-Thiazolocarboxaldehyde, 6-[(1-aminoethyl)-,
003 2-[4-[5-oxazolyl]phenyl]hydrazono ICA INDEX NAME

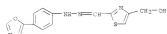
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RXN 774237-65-9 CAPLUS
CN 2-Thiazolocarboxaldehyde, 4-(hydroxymethyl)-,
2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)

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IN 774237-66-0 CASL78
 CN 4-Thiazolecarboxaldehyde, 2-(hydroxymethyl)-,
 2-[4-(5-oxazolyl)phenyl]hydrazono [CA INDEX NAME]



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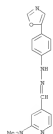
NN  774237-61-5  CAPLOS
CN  Benzaldehyde, 3-iodo-4-[1-piperazinyl]-,
   2-[4-(5-oxazolyl)phenyl]hydrazone
   (CA INDEX NAME)

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IN 774237-67-1 CAPLUS
 CN 4-Pyridinecarboxaldehyde, 2-(dimethylamino)-,
 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



774237-68-2 CAPLUS
 3-Pyridinecarboxaldehyde, 6-fluoro-, 2-[4-(5-oxazolyl)phenyl]hydrazones
 (CA INDEX NAME)



EN 774237-69-3 CAPLUS
 CN 3-Pyridinecarboxaldehyde, 6-(4-methyl-1-piperazinyl)-,
 2-[4-(3-oxazoly)phenyl]hydrazone (CA INDEX NAME)

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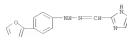
RI 774237-70-6 CAPLUS
 CH 3-Pyridinecarboxaldehyde, 6-(dimethylamino)-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



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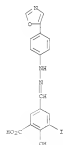
RI 774237-71-7 CAPLUS
 CH 18-Indazole-2-carboxaldehyde, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



RI 774237-72-8 CAPLUS
 CH Benzaldehyde, 4-(13-aminomethyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



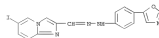
RI 774237-73-9 CAPLUS
 CH Benzaldehyde, 2-hydroxy-3-[2-iodo-5-[[2-[4-(5-oxazolyl)phenyl]hydrazonylidene]methyl]]- (CA INDEX NAME)



RI 774237-74-0 CAPLUS
 CH 4-Pyridinecarboxaldehyde, 1,2,3,4-tetrahydro-1-(phenylmethyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



RI 774237-75-1 CAPLUS
 CH Indazole[1,2-a]pyridine-2-carboxaldehyde, 6-iodo-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



RI 774237-76-2 CAPLUS
 CH Benzaldehyde, 4-[4-(dimethylamino)-1-piperidinyl]-3-iodo-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)

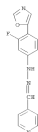
PAGE 1-A



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HN 774237-86-4 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazine (CA INDEX NAME)



HN 774237-87-5 CAPLUS
CN 2-Thiazolecarboxaldehyde, 4-(1-aminoethyl)-, 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazine (CA INDEX NAME)



HN 774237-88-6 CAPLUS
CN Benzaldehyde, 4-(1-piperazinyl)-, 2-[2-iodo-4-(5-oxazolyl)phenyl]hydrazine (CA INDEX NAME)

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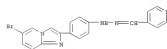
PAGE 2-A



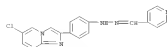
HN 774237-89-7 CAPLUS
CN Benzaldehyde, 4-[(methylanilino)methyl]-, 2-[3-iodo-4-(5-oxazolyl)phenyl]hydrazine (CA INDEX NAME)



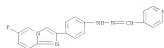
HN 774237-90-0 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[4-(6-bromoimidazo[1,2-a]pyridin-2-yl)phenyl]hydrazine (CA INDEX NAME)



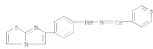
HN 774237-91-1 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[4-(6-chloroimidazo[1,2-a]pyridin-2-yl)phenyl]hydrazine (CA INDEX NAME)



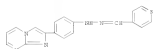
HN 774237-92-2 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[4-(6-fluoroimidazo[1,2-a]pyridin-2-yl)phenyl]hydrazine (CA INDEX NAME)



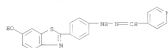
BN 774237-93-3 CAPLUS
CN 4-Pyridinecarboxaldehyde,
2-[(4-imidazo[1,2-a]thiazol-6-yl)phenyl]hydrazine
(CA INDEX NAME)



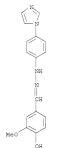
BN 774237-94-4 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[(4-imidazo[1,2-a]pyridin-2-yl)phenyl]hydrazine (CA INDEX NAME)



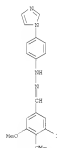
BN 774237-95-5 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[(4-{6-hydroxy-2-benzothiazolyl}phenyl)hydrazine (CA INDEX NAME)



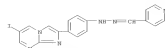
BN 774237-96-6 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[(4-{6-iodimidazo[1,2-a]pyrimidin-2-yl}phenyl)hydrazine (CA INDEX NAME)



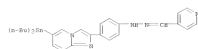
BN 774238-01-6 CAPLUS
CN Benzaldehyde, 3-iodo-4,5-dimethoxy-,
2-[(4-{18-imidazol-2-yl}phenyl)hydrazine (CA INDEX NAME)



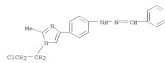
BN 774238-02-7 CAPLUS
CN Benzaldehyde, 3-bromo-4-hydroxy-3-methoxy-,
2-[(4-{18-imidazol-2-yl}phenyl)hydrazine (CA INDEX NAME)



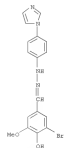
BN 774237-97-7 CAPLUS
CN 4-Pyridinecarboxaldehyde,
2-[(4-{1-(2-methyl-2-yl)phenyl}hydrazine (CA INDEX NAME)



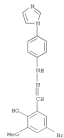
BN 774237-99-9 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-[(4-{1-(2-chloroethyl)-2-methyl-1E-imidazol-4-yl}phenyl)hydrazine (CA INDEX NAME)



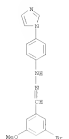
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CN Benzaldehyde, 4-hydroxy-3-methoxy-,
2-[(4-{1E-imidazol-1-yl}phenyl)hydrazine (CA INDEX NAME)



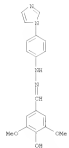
BN 774238-02-8 CAPLUS
CN Benzaldehyde, 5-bromo-2-hydroxy-3-methoxy-,
2-[(4-{1E-imidazol-1-yl}phenyl)hydrazine (CA INDEX NAME)



BN 774238-04-9 CAPLUS
CN Benzaldehyde, 3-bromo-5-methoxy-,
2-[(4-{18-imidazol-1-yl}phenyl)hydrazine (CA INDEX NAME)

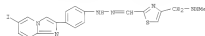


HN 774238-05-0 CAPLUS
CN Benzaldehyde, 4-hydroxy-3,5-dimethoxy-, 2-[4-(1H-imidazol-2-yl)phenyl]hydrazono (CA INDEX NAME)

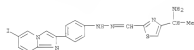


HN 774238-06-3 CAPLUS
CN Benzaldehyde, 3,4-dihydroxy-, 2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)

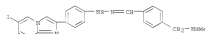
HN 774238-10-7 CAPLUS
CN 2-Thiazoleneacetaldehyde, 4-[(methylamino)methyl]-, 2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)



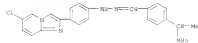
HN 774238-11-8 CAPLUS
CN 2-Thiazoleneacetaldehyde, 4-[(aminomethyl)-, 2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)



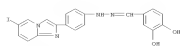
HN 774238-12-9 CAPLUS
CN Benzaldehyde, 4-[(methylamino)methyl]-, 2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)



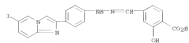
HN 774238-13-0 CAPLUS
CN Benzaldehyde, 4-[(aminomethyl)-, 2-[4-(6-chloroindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)



HN 774238-14-1 CAPLUS
CN Benzaldehyde, 4-[(methylamino)methyl]-, 2-[4-(6-chloroindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono (CA INDEX NAME)

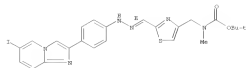


HN 774238-07-2 CAPLUS
CN Benzoic acid, 2-hydroxy-4-[[2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazonylidene]methyl]- (CA INDEX NAME)



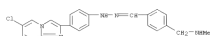
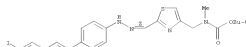
HN 774238-08-1 CAPLUS
CN Carboic acid, [[2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono]methyl]-4-thiazolylmethylmethyl-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

Double bond geometry as shown.



HN 774238-09-4 CAPLUS
CN Carboic acid, [[2-[4-(6-iodoindazo[1,2-a]pyridin-2-yl)phenyl]hydrazono]methyl]-4-thiazolylmethylmethyl-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

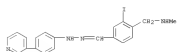
Double bond geometry as shown.



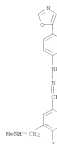
HN 774238-15-2 CAPLUS
CN Benzaldehyde, 6-iodo-, 2-[4-(3-pyridinyl)phenyl]hydrazono (CA INDEX NAME)



HN 774238-16-3 CAPLUS
CN Benzaldehyde, 2-iodo-4-[(methylamino)methyl]-, 2-[4-(3-pyridinyl)phenyl]hydrazono (CA INDEX NAME)



HN 774238-17-4 CAPLUS
CN Benzaldehyde, 4-iodo-3-[(methylamino)methyl]-, 2-[4-(5-oxazolyl)phenyl]hydrazono (CA INDEX NAME)



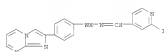
RN 774238-13-5 CAPLUS
CN Benzaldehyde, 3-chloro-4-[[methylamino)methyl]-, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



RN 774238-13-6 CAPLUS
CN Benzaldehyde, 3-fluoro-4-[[methylamino)methyl]-, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



RN 774238-28-8 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-iodo-, 2-[4-imidazo[1,2-a]pyridinyl-2-ylphenyl]hydrazone (CA INDEX NAME)



RN 774238-32-1 CAPLUS
CN 4-Pyridinecarboxaldehyde, 2-iodo-, 2-[4-(3-pyridinyl)phenyl]hydrazone (CA INDEX NAME)

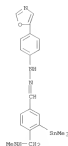


IT 774238-49-5
R1: RCT (Reactant); RAC7 (Reactant or reagent)
deriva. as inhibitors of agglutination and/or deposition of amyloid protein or amyloid-like proteins

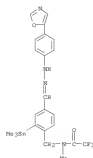
RN 774238-49-5 CAPLUS
CN Acetamide, 2,2,2-trifluoro-N-methyl-N-[[4-[[2-(4-(5-oxazolyl)phenyl]hydrazonylidene)methyl]-2-(trifluoromethyl)phenyl]methyl]- (CA INDEX NAME)



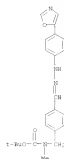
RN 774238-50-9 CAPLUS
CN Benzaldehyde, 4-[[methylamino)methyl]-3-(trifluoromethyl)-, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



RN 774238-51-0 CAPLUS
CN 18-Benzimidazole-6-carboxaldehyde, 2-[4-(5-oxazolyl)phenyl]hydrazone (CA INDEX NAME)



IT 774238-91-4P 774238-95-8P 774238-02-0P
774238-12-2P 774238-23-3P 774238-22-4P
774238-31-5P 774238-32-6P 774238-38-2P
774238-47-2P 774238-57-5P 774238-58-6P
774238-59-7P 774238-63-3P
R1: RCT (Reactant); RSN (Synthetic preparation); PREP (Preparation); RAC7 (Reactant or reagent)
deriva. as inhibitors of agglutination and/or deposition of amyloid protein or amyloid-like proteins
R1: RCT (Reactant); RAC7 (Reactant or reagent)
CN Carbanic acid, methyl[[4-[[4-(5-oxazolyl)phenyl]hydrazonyl]methyl]-1,1-dimethylethyl ester (SCI) (CA INDEX NAME)



RI 774239-95-8 CAPLUS
 CH 2-Piperazinecarboxylic acid, 4-[[2-iodo-4-[[2-[[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]-, 1,1-dimethylethyl ester] (CA INDEX NAME)

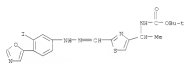
PAGE 1-A



PAGE 2-A



RI 774239-21-3 CAPLUS
 CH Carbanic acid, [5-[[2-[[[2-iodo-4-(5-oxazolyl)phenyl]hydrazono[methyl]-4-thiazolyl]ethyl]-, 1,1-dimethylethyl ester] (ICI) (CA INDEX NAME)



RI 774239-22-4 CAPLUS
 CH 2-Piperazinecarboxylic acid, 4-[[2-iodo-4-[[2-[[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]-, 1,1-dimethylethyl ester] (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



RI 774239-02-0 CAPLUS
 CH 2-Thiazolecarboxaldehyde, 4-[[triphenylmethoxy]methyl]-, 2-[[4-(5-oxazolyl)phenyl]hydrazono] (CA INDEX NAME)



RI 774239-12-2 CAPLUS
 CH Imidodicarboxylic acid, 2-[[1-[[2-[[4-(5-oxazolyl)phenyl]hydrazinylidene]methyl]phenyl]ethyl]-, 1,1-bis[[1,1-dimethylethyl] ester] (CA INDEX NAME)

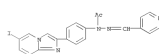
PAGE 2-A



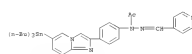
PAGE 2-A



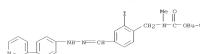
RI 774239-31-5 CAPLUS
 CH Acetic acid, 1-[[4-(6-iodoimidazo[1,2-a]pyridin-2-yl)phenyl]-2-[[4-pyridinylmethyl]ene]hydrazide] (CA INDEX NAME)



RI 774239-32-6 CAPLUS
 CH Acetic acid, 2-[[4-pyridinylmethyl]ene]-1-[[4-(6-(tributylstannyl)imidazo[1,2-a]pyridin-2-yl)phenyl]hydrazide] (CA INDEX NAME)

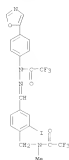


RI 774239-30-2 CAPLUS
 CH Carbanic acid, [[2-iodo-4-[[[4-(3-pyridinyl)phenyl]hydrazono[methyl]phenyl]methyl]methyl]-, 1,1-dimethylethyl ester] (ICI) (CA INDEX NAME)

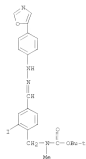


RI 774239-47-3 CAPLUS

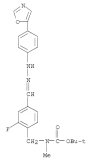
110 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 CN Acetic acid, 2,2,2-trifluoro-, 2-[[[3-iodo-4-[[methyl(2,2,2-trifluoroacetylhydrazono)methyl]phenyl]methyl]amino]-1-(4-{5-oxa-2-oxo-1-phenyl}hydrazide) (CA INDEX NAME)



EN 774239-51-5 CAPLUS
 CN Carbanic acid, [[2-[5-iodo-4-[[[4-{5-oxa-2-oxo-1-phenyl}hydrazono)methyl]phenyl]methyl]methyl-, 1,1-dimethylethyl] ester (9C1) (CA INDEX NAME)

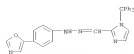


110 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

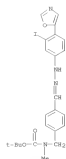


OR CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS
 RECORD (8 CITINGS)
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE XE
 FORMAT

110 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 EN 774239-58-6 CAPLUS
 CN 18-Imidazole-2-carboxaldehyde, 1-(triphenylmethyl)-, 2-[4-{5-oxa-2-oxo-1-phenyl}hydrazono] (CA INDEX NAME)



EN 774239-59-7 CAPLUS
 CN Carbanic acid, [[4-[[[3-iodo-4-{5-oxa-2-oxo-1-phenyl}hydrazono)methyl]phenyl]methyl]methyl-, 1,1-dimethylethyl] ester (9C1) (CA INDEX NAME)

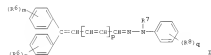
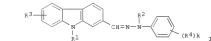


EN 774239-63-3 CAPLUS
 CN Carbanic acid, [[2-fluoro-4-[[[4-{5-oxa-2-oxo-1-phenyl}hydrazono)methyl]phenyl]methyl]methyl-, 1,1-dimethylethyl] ester (9C1) (CA INDEX NAME)



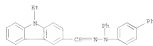
110 ANSWER 11 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 2004/451039 CAPLUS
 DOCUMENT NUMBER: 141/14428
 TITLE: Electrophotographic photoreceptors with low residual potential, process cartridges, and apparatus
 INVENTOR(S): Yoshimura, Kimihito; Morikawa, Yosuke; Nakata, Koichi
 PATENT ASSIGNEE(S): Saito, Hiroshi
 SOURCE: Canon Inc., Japan
 Jpn. Kokai Tokkyo Koho, 41 pp.
 CODES: C03G15
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NOM. COUNTRY: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 5354157/20	A	2004/06/03	JP 2002-319831	2001/12/01
PRIORITY APPL. INFO.			JP 2002-319831	2001/12/01
OTHER SOURCE(S):		MOERAT 141/14428		



AB The photoreceptors have photosensitive layers including charge-generating layers and charge-transporting layers containing I. R1 = alkyl, cycloalkyl, aralkyl, aryl; R2 = alkyl, aralkyl, aryl, heterocyclic ring; R3 = H, halo, alkyl, aralkyl, aryl, alkoxy, substituted amino group; R4 = halo, alkyl, aralkyl, aryl, alkoxy, substituted amino group; R5 = H, halo, alkyl, aralkyl, aryl, alkoxy, substituted amino group; R6 = halo, alkyl, aralkyl, aryl, alkoxy, substituted amino group; R7 = alkyl, aralkyl, aryl, heterocyclic ring; R8 = halo, alkyl, aralkyl, aryl, alkoxy,

L10 ANSWER 11 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)
 substituted amino group; $m, n = 0-5; p = 0, 1; q = 0-5$) on
 electroconductive substrates, and protective layers contg. aro.
 photoresisting resin binders. The protective layers are formed on the
 photoresists without crack formation and deposition of
 charge-transporting materials.
 IT 201715-66-Q
 RI: 30V (Device component use); US\$ (Fame)
 [charge-transporting material; electrophotog. photoresists with low
 residual potential, having aromatic photoresisting resin protective
 layers]
 RI 201715-66-Q CAPLUS
 CH 36-Carbazole-3-carboxaldehyde, 9-ethyl-,
 2-[1,2'-biphenyl]-4-yl-2-phenylhydrazones (CA INDEX NAME)



L10 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)
 ACCESSION NUMBER: 2004-295123 CAPLUS
 DOCUMENT NUMBER: 14189964
 TITLE: The synthesis of some polycyclic N-H acids with
 quinoline and 1,2,4-triazine
 Wiedemann, Jutta; Strydom, Michal; Strydom,
 Jakub; Slonka, Jan
 Dep. Org. Chem., Palacky Univ., Olomouc, 773 46,
 Czech
 Exp. AMEVO (Gainesville, FL, United States) (2003),
 155,
 65-74
 CUBIN: ACPH
 URL: Http://arcat-
 usa.org/ark/journal/2003/General_Part (sv)/G2-
 8149/8148.pdf
 PUBLISHER: Auket USA Inc.
 DOCUMENT TYPE: Journal (online computer file)
 LANGUAGE: English
 OTHER SOURCE(S): CACHEMCT 141:89964
 CI

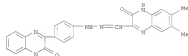
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB 3-(2-Anisophenyl)- and 3-(2-anisobenzyl)-1,2-dihydroquinazolin-2-ones
 were
 diazotized and the resulting diazonium salts were coupled with 4-
 cyanophenylboronic acids or 3-methyl-1,2-dihydroquinazolin-2-ones. In this
 manner, the corresponding hydrazones with one 1,2-dihydroquinazolin-2-one
 ring and hydrazones with two 1,2-dihydroquinazolin-2-one rings, e.g., I,
 were obtained. Cyclization of hydrazones afforded compounds containing
 6-azauracil and also 1,2-dihydroquinazolin-2-one rings, e.g., II.
 IT 713527-51-Q 713527-52-TP 713527-53-SP
 713527-57-TP 713527-58-TP 713527-59-4F
 RI: 20V (Synthetic preparation); REEP (Preparation)
 [preparation of hydrazobenzyl- and hydrazophenylquinazolinones via
 diazotization of anisobenzyl- and anisophenylquinazolinones followed
 by
 condensation with methylquinazolinones]
 RI 713527-51-Q CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 3,4-dihydro-6,7-dimethyl-3-oxo-,
 2-[2-[4-(7,4-dihydro-3-oxo-2-quinazolinyl)phenyl]hydrazono] (CA INDEX
 NAME)

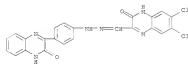


RI 713527-52-7 CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 3,4-dihydro-6,7-dimethyl-3-oxo-,
 2-[2-[4-(7,4-dihydro-3-oxo-2-quinazolinyl)phenyl]hydrazono] (CA INDEX
 NAME)

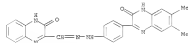
L10 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)
 NAME)



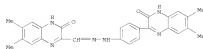
RI 713527-53-B CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 6,7-dichloro-3,4-dihydro-3-oxo-,
 2-[2-[4-(7,4-dihydro-3-oxo-2-quinazolinyl)phenyl]hydrazono] (CA INDEX
 NAME)



RI 713527-57-3 CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 7,4-dihydro-3-oxo-,
 2-[2-[4-(7,4-dihydro-6,7-dimethyl-3-oxo-2-quinazolinyl)phenyl]hydrazono]
 (CA INDEX NAME)

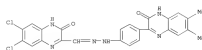


RI 713527-58-3 CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 3,4-dihydro-6,7-dimethyl-3-oxo-,
 2-[2-[4-(7,4-dihydro-6,7-dimethyl-3-oxo-2-quinazolinyl)phenyl]hydrazono]
 (CA INDEX NAME)



L10 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)

RI 713527-59-4 CAPLUS
 CH 2-Quinoxalinecarboxaldehyde, 6,7-dichloro-3,4-dihydro-3-oxo-,
 2-[2-[4-(7,4-dihydro-6,7-dimethyl-3-oxo-2-quinazolinyl)phenyl]hydrazono]
 (CA INDEX NAME)



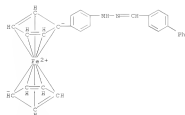
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR
 THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

110 ANSWER 13 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 0093;945539 CAPLUS
 DOCUMENT NUMBER: 14919705
 TITLE: Optical disks capable of high-density recording/readout with blue lasers and anilines
 therefor
 INVENTOR(S): Ishida, Tetsuo; Shiozaki, Hiroyuki; Ogino, Akira; Kikuchi, Masahiko
 PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.
 SOURCE: Jpn. Kokai Tokkyo Koho, 46 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002-34249	A	2002-12-03	JP 2002-137156	2002-05-09
JP 2002-137156			JP 2002-137156	2002-05-09

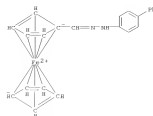
OTHER SOURCE(S): MARPAT 14010705
 AB The disks have a recording layer containing ANHCl(A2) (A1, A2 = aryl, metalloaryl A) and/or A2 = metalloaryl(aryl) X1, A2 = N, methine as recording dyes. The disks show good weather and heat resistance.
 IT 628280-20-6 628280-20-6 628280-20-6
 ELI 72M [Technical or engineered material use]; USES (Uses)
 Optical disks containing metalloaryl(aryl)amine dyes for high-d recording/readout with blue lasers

FI 628280-20-6 CAPLUS
 CN Ferrocene, [4-([1,1'-biphenyl]-4-yl)methylene]hydrazono[methyl]phenyl- (PCI) (CA INDEX NAME)

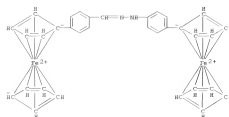


FI 628280-20-6 CAPLUS
 CN Ferrocene, [4-([1,1'-biphenyl]-4-yl)methylene]hydrazono[methyl]phenyl- (PCI) (CA INDEX NAME)

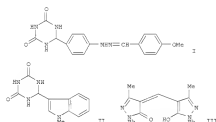
110 ANSWER 13 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)



FI 628280-20-6 CAPLUS
 CN Ferrocene, [4-([1,1'-ferrocenylphenyl]hydrazono)methyl]phenyl- (PCI) (CA INDEX NAME)

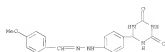


110 ANSWER 14 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 2002;188557 CAPLUS
 DOCUMENT NUMBER: 1391255201
 TITLE: Reaction Products of 5-Azauracil with Malonamide and Aromatic C-Nucleophiles
 AUTHOR(S): Areev, Yu. A.; Shorshayev, S. V.; Gabai, D.
 SOURCE: Ural Research Institute of Medicinal Preparation Technology, Yekaterinburg, Russia
 PHARMACEUTICAL CHEMISTRY JOURNAL [Translation of Khimiko-Farmatsievticheskii Zhurnal] 12002, 36(3), 141-150
 CORD: PCJOMY 158N: 0091-150X
 PUBLISHER: Kluwer Academic/Consultants Bureau
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 1391255201
 GI



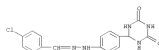
AS Reactions of 5-azauracil with malonamide, 1,3-benzenediamine, 1,3,3-trimethyl-2-oxo-1,2,3,4-tetrahydro-2H-pyridine, resorcinol, phenylhydrazones, indoles, and pyrazolones were studied. Products such as I, II, and III were obtained.
 IT 429692-13-7 CAPLUS 429692-13-7 429692-13-7
 ELI SPN [Synthetic preparation]; PREP [Preparation]
 Reaction products of 5-azauracil with malonamide and aromatic C-nucleophiles

FI 429692-13-7 CAPLUS
 CN Benzaldehyde, 4-methoxy-, 2-[4-(benzohydro-4,6-dioxo-1,3,5-triazin-2-yl)phenyl]hydrazono (CA INDEX NAME)



110 ANSWER 14 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)

FI 429692-14-6 CAPLUS
 CN Benzaldehyde, 4-chloro-, 2-[4-(benzohydro-4,6-dioxo-1,3,5-triazin-2-yl)phenyl]hydrazono (CA INDEX NAME)



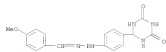
FI 429692-15-9 CAPLUS
 CN Benzaldehyde, 4-nitro-, 2-[4-(benzohydro-4,6-dioxo-1,3,5-triazin-2-yl)phenyl]hydrazono (CA INDEX NAME)



OS CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 REFERENCE COUNT: 6 (1 CITINGS)
 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RS FORMAT



AS	The heating of 5-azauracil with malonamide in butanol resulted in 6-(dicarboxymethyl)uracil:dimedone 1 [R = (NEtCO)CH ₂]. Under conditions of acid catalysis, 5-azauracil reacted with <i>o</i> -phenylenediamine, <i>o</i> -aminophenol, methylol, and <i>o</i> -methylhydrazine derivatives to form the corresponding 6-derivs. of 1.
IT	42492-13-1F 424942-14-8P 424942-15-3P N ₂ -C ₄ H ₄ N ₂ (synthetic preparation) (Preparation) (Preparation of stable <i>o</i> -adducts of 5-azauracil with C-nucleophiles)
SD	424942-13-7 CAPLOS Benzaldehyde, 4-ethoxy-, 2-[4-(benzaldehyde-4,5-dioxo-1,3,5-triazin-2-yl)-2-methyl-1,3-dioxane-5-carbonyl]-, INDEX NAME

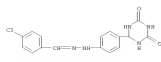


FN 429692-14-8 CASUS
 CN Benzaldehyde, 4-chloro-, 2-[4-(hexahydro-4,6-dioxo-1,3,5-triazin-2-yl)phenyl]hydrazone (CA INDEX NAME)

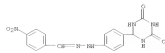
100 ANMERK IS OF
 ACCESSION NUMBER: CAPLUS 2001:493288 CAPLUS 2011 ACB ON STN
 DOCUMENT NUMBER: 0001493288
 TITLE: Preparation of pyridazylphenyl hydrazones useful
 for treating congestive heart failure
 INVENTOR(S): Pytzyk, Jarmo Pappu; Annu, Lintu, Annu, Mero,
 Pentti, Baschakova, Kari, Loomberg, Petri, Riihala,
 Hannu, Lehto, Jukka, Kallio, Kari, Kallio,
 Jukka
 PATENT ASSIGNEE(S): Orion Corporation, Finland
 SOURCE: PCT Int. Appl., 36 pp.
 DOCUMENT TYPE: CODEN: P10X2D
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNTRY: English
 PATENT INFORMATION:

[illegible]

110 ANSWER 15 OF 59 CAPLOS COPYRIGHT 2011 ACS on STN (Continued)



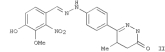
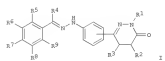
EN 429692-15-9 CAPLUS
 CN Benzaldehyde, 4-nitro-, 2-[4-(hexahydro-4,6-dioxo-1,3,5-triazin-2-yl)phenyl]hydrazone (CA INDEX NAME)



REFERENCE COURT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L10 ANSWER 16 OF 59 CAPLOS COPYRIGHT 2011 ACS on STN (Continued)
WO 2001-FI241 W 20010312

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 135:242237



38 The title compounds, [(1) R=H, 2-Alkyl, aryl, etc.] or R2 and R3 form a ring of 5- or 6-carbon atoms; R=H or 2-Alkyl, aryl, etc.] which increase the calcium sensitivity of contractile proteins of the cardiac muscle and are useful in the treatment of cardiac contractile failure, were prepared by the following method:

39 (1)-(4) 5-methyl-4,5-dihydro-2H-pyridine-2-one, were prepared by the following method:

40 (a) Preparation given with 4-hydroxy-3-methoxy-2-nitrobenzoic acid as starting material

41 afforded [(1)-(4)] which showed 207.24 change from control in test for calcium sensitizing effect in skinned cardiac fiber.

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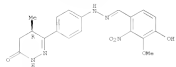
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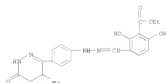
110 ANSWER 16 OF 59 CARLOS COPYRIGHT 2011 ACS on STM (Continued)
study, unclassified) STM (Synthetic preparation); TSP (Therapeutic use);
RSC (Biological study); PMP (Preparation); USE (Use)
[prep. of pyridazinylphenyl hydrazones useful against congestive
heart failure]

EN 360794-85-0 CARLOS
CN Benzaldehyde, 4-hydroxy-3-methoxy-2-nitro-,
2-[4-[(4S)-1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)

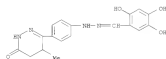
Absolute stereochemistry
Double bond geometry unknown.



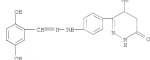
EN 360794-86-1 CARLOS
CN Benzoic acid,
2-[4-[(4S)-1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazinidene[methyl]-, ethyl ester (CA INDEX NAME)



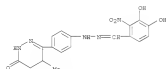
EN 360794-87-2 CARLOS
CN Benzaldehyde, 2,4,5-trihydroxy-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)



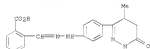
110 ANSWER 16 OF 59 CARLOS COPYRIGHT 2011 ACS on STM (Continued)



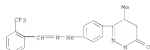
EN 360794-92-3 CARLOS
CN Benzaldehyde, 2,4,5-trihydroxy-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)



EN 360794-93-0 CARLOS
CN Benzoic acid, 2-[12-[(6-1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazinidene[methyl]- (CA INDEX NAME)

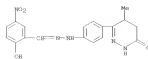


EN 360794-95-2 CARLOS
CN Benzaldehyde, 2-(trifluoromethyl)-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)

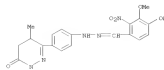


110 ANSWER 16 OF 59 CARLOS COPYRIGHT 2011 ACS on STM (Continued)

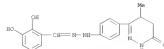
EN 360794-89-3 CARLOS
CN Benzaldehyde, 2-hydroxy-5-nitro-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)



EN 360794-89-4 CARLOS
CN Benzaldehyde, 4-hydroxy-3-methoxy-2-nitro-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)



EN 360794-90-7 CARLOS
CN Benzaldehyde, 2,7-dihydroxy-, 2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)

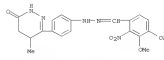


EN 360794-91-8 CARLOS
CN Benzaldehyde, 2,5-dihydroxy-, 2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)

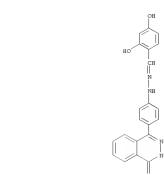


110 ANSWER 16 OF 59 CARLOS COPYRIGHT 2011 ACS on STM (Continued)

EN 360794-96-3 CARLOS
CN Benzaldehyde, 6-(acetyloxy)-3-methoxy-2-nitro-,
1-[2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-pyridazinyl]phenyl]hydrazones]
(CA INDEX NAME)



EN 360795-02-4 CARLOS
CN Benzaldehyde, 2,4-dihydroxy-, 2-[4-[(3,4-dihydro-4-oxo-1-
pyridazinyl]phenyl]hydrazones (CA INDEX NAME)

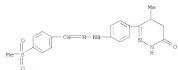


PAGE 2-A

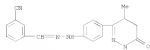
PAGE 2-A

EN 360795-03-3 CARLOS
CN Benzaldehyde, 6-(methylethoxycarbonyl)-,
2-[4-[(1,4,5,6-tetrahydro-6-methyl-6-oxo-3-pyridazinyl]phenyl]hydrazones
(CA INDEX NAME)

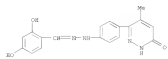
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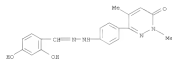
RI 360795-04-6 CAPLUS
CN Benzonitrile, N-[(2-[(4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl)hydrazinylidene)methyl]- (CA INDEX NAME)



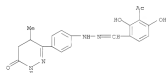
RI 360795-05-7 CAPLUS
CN Benzonitrile, 2,4-dihydroxy-, 2-[4-(1,6-dihydro-2,4-dimethyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



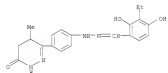
RI 360795-01-3 CAPLUS
CN Benzonitrile, 2,4-dihydroxy-, 2-[4-(1,6-dihydro-2,4-dimethyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



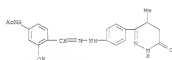
RI 360795-08-0 CAPLUS



RI 360795-23-9 CAPLUS
CN Benzonitrile, 2-ethyl-2,4-dihydroxy-, 2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)

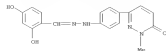


RI 360795-24-0 CAPLUS
CN Acetanide, N-[3-hydroxy-4-[(2-[(4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl)hydrazinylidene)methyl]phenyl]- (CA INDEX NAME)

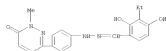


RI 360795-25-1 CAPLUS
CN Benzonitrile, 2,4-dichloro-, 2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)

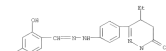
CN Benzonitrile, 2,4-dihydroxy-, 2-[4-(1,6-dihydro-2-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



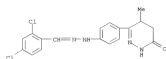
RI 360795-11-5 CAPLUS
CN Benzonitrile, 3-ethyl-2,4-dihydroxy-, 2-[4-(1,6-dihydro-2-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



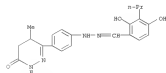
RI 360795-19-3 CAPLUS
CN Benzonitrile, 2,4-dihydroxy-, 2-[4-(1,6-dihydro-2,4,5,6-tetrahydro-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



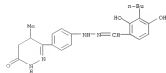
RI 360795-22-8 CAPLUS
CN Benzonitrile, 3-acetyl-2,4-dihydroxy-, 1-[2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



RI 360795-26-2 CAPLUS
CN Benzonitrile, 2,4-dihydroxy-3-propyl-, 2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)

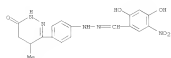


RI 360795-27-3 CAPLUS
CN Benzonitrile, 3-butyl-2,4-dihydroxy-, 2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)



RI 360795-30-8 CAPLUS
CN Benzonitrile, 2,4-dihydroxy-5-nitro-, 2-[4-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazono- (CA INDEX NAME)

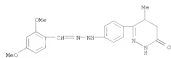
110 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



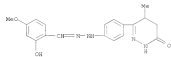
RI 362795-31-9 CAPLUS
 CI Benzaldehyde, 4-[[dimethylamino]-2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 362795-32-0 CAPLUS
 CI Benzaldehyde, 2,4-dimethoxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

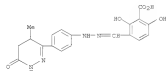


RI 362795-33-1 CAPLUS
 CI Benzaldehyde, 2-hydroxy-4-methoxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

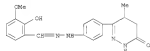


RI 362795-34-2 CAPLUS
 CI Benzaldehyde, 6-nitro-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

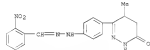
110 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



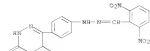
RI 362795-35-7 CAPLUS
 CI Benzaldehyde, 2-hydroxy-3-methoxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 362795-40-5 CAPLUS
 CI Benzaldehyde, 2-nitro-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 362795-41-5 CAPLUS
 CI Benzaldehyde, 2,6-dinitro-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

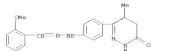


RI 362795-42-2 CAPLUS
 CI Benzonitrile, 4-[[12-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

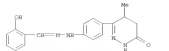
110 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



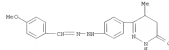
RI 362795-35-3 CAPLUS
 CI Benzaldehyde, 2-methoxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 362795-36-4 CAPLUS
 CI Benzaldehyde, 2-hydroxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

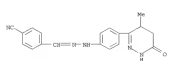


RI 362795-37-5 CAPLUS
 CI Benzaldehyde, 6-methoxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

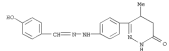


RI 362795-38-4 CAPLUS
 CI Benzoic acid, 2,6-dihydroxy-3-[[12-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)

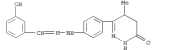
110 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM (Continued)



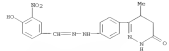
RI 362795-43-3 CAPLUS
 CI Benzaldehyde, 4-hydroxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



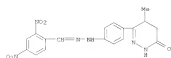
RI 362795-44-4 CAPLUS
 CI Benzaldehyde, 3-hydroxy-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



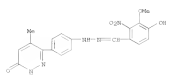
RI 362795-45-5 CAPLUS
 CI Benzaldehyde, 4-hydroxy-2-nitro-, 2-[12-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 362795-47-7 CAPLUS
 CI Benzaldehyde, 2,4-dinitro-, 2-[4-[[1,4,5,6-tetrahydro-6-methyl-2-oxo-3-pyridazinyl]phenyl]hydrazono-3-nitrobenzaldehyde (CA INDEX NAME)



RI 240715-54-6 CAPLUS
 CH Benzaldehyde, 4-hydroxy-3-methoxy-2-nitro-,
 2-(4-{[1,6-dihydro-4-methyl-6-oxo-3-pyridinyl]phenyl}hydrazono) (CA
 INDEX NAME)

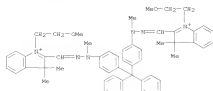


ON CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS
 RECORD (3 CITINGS)
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

ACCESSION NUMBER: 2001-69172 CAPLUS
 DOCUMENT NUMBER: 135-26199
 TITLE: Hair dye composition
 INVENTOR(S): Chacko, Thakiraj; Miyabe, Hajime; Matsunaga, Shinichi
 Totsuki, Shintaro; Saito, Yoshitaka
 PATENT ASSIGNER(S): Kao Corporation, Japan
 SOURCE: Eur. Pat. Appl., 133 pp.
 DOCUMENT TYPE: OTHER: EPICLUM
 LANGUAGE: Patent
 FAMILY REC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1133975	A2	2000/0919	EP 2001-106310	2002/0315
EP 1133975	A3	2004/0317		
EP 1133975	B1	2005/0613		
I: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, NC, PT, SI, ST, LV, FJ, RO				
JP 2001261534	A	2000/0926	JP 2000-76678	2000/0717
JP 2002289255	A	2001/1016	JP 2000-107190	2000/0407
JP 2002289256	A	2001/1016	JP 2000-107190	2000/0407
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JP 2002289405	A	2001/1016	JP 2000-107190	

110 NUMBER 17 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
hydra[1,1'-ylidene]methylenes]bis[1-[2-(methoxyethyl)-3,3-dimethyl-
sicholane (TCT) (CA INDEX NAME)



● 2 Cl⁻

CS_CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS
RECORD
(10 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

110 NUMBER 13 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
ACCESSION NUMBER: 2000:088982 CAPLUS
DOCUMENT NUMBER: 13239340
TITLE: Preparation of aryltriazines as agrochemical
fungicides.
INVENTOR(S): Bowers, Richard James; Frazier, Deborah Ann; Howard,
Michael Henry, Jr.; Roethlis, Gerard Michael
E. T. Du Pont de Nemours & Co., USA
U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 442,433,
abandoned.
COMBID INDEX: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

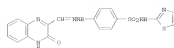
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6151752	A	20000502	US 1997-052360	19971113
WO 9636612	A1	19961121	WO 1996-036534	19960509
US 78, 15, NM, 25, SE, 05, AT, 88, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, JP, MC, MU, PT, SE, SF, SV, CH, CZ, OM, GR, ME, NO, SE, SM, TR, 75				
NO 181, 40, AK, 84, 88, 88, 87, CA, CN, CR, ER, GR, HU, 15, JP, KP, KR, PK, PL, LB, 17, LV, MD, ME, MK, MU, ME, NO, NE, PE, RO, SG, NO, SI, 88, 75, TM, TR, 77, US, 05, 05, 05				
AU 9613750	A1	19961129	AU 1996-57505	19960509
EP 825989	A1	19960304	EP 1996-51663	19960509
RU 96, 15, ES, 77, GB, 77				
BR 9608754	A	19990705	BR 1996-0756	19960509
JP 802815014	T	20000302	JP 1996-524697	19960509
PRIORITY APPL. INFO.:			US 1995-424123	92 19950517
			US 1995-443295	A 19950517
			US 1995-41839	F 19950922
			WO 1996-05634	M 19960509

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LONG DISPLAY FORMAT
OTHER SOURCE(S): MARK7 132:109105
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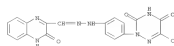


AS Title compds. [Tr K = substituted 1,2-phenylene; A = O, S, N, HNS,
CS14:
G = G, N; H when G = G, then A = O, S or HNS and the floating double bond
18

110 NUMBER 18 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
ACCESSION NUMBER: 2000:517006 CAPLUS
DOCUMENT NUMBER: 13411525
TITLE: Geo derivatives of quinoxaline. 1. Synthesis of some
arylthianes of
2-one-1,2-dihydroquinoxaline-3-carboxaldehyde
Wiedemann, Peter; Magdon, János; Sloka, Jan
Department of Organic Chemistry, Páskay University,
Gyömrő, 771 44, Czech Rep.
Source: Acta Universitatis Palackianae Olomouensis, Facultas
Sciences Naturalis, Olomou (1999), 38, 83-90
CODEN: AUCVYD 1999: 0230-0061
PUBLISHER: Vydavatelský ústav Palackého
Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 174:115925
GI

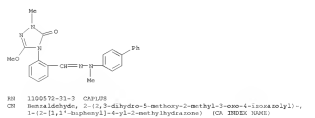


AS By diazotization of 4'-aminoacetophenone, 4-bromonitro,
2-sulfamoylaminobenzonitrile, N-(4-aminobenzoyl)-L-glutamic acid, and
1-(4-aminophenyl)-6-azauracil-5-carboxylic acid and by azo coupling of
the
diazonium salts formed with 3-methyl-2(1H)-quinoxaline were prepared
hydrazones, e.g., 1.
IT 321377-25-13
EL SPN (Synthetic preparation); PREP (Preparation)
IN 321377-25-1 CAPLUS
1,2,4-Triazine-6-carboxylic acid, 2-[4-(2-[1,3,4-dihydro-3-oxo-2-
quinoxalylidene]methyl)hydrazinyl]-2,3,4,5-tetrahydro-5-dioxo-
(CA INDEX NAME)

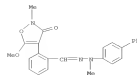


CS_CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS
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(5 CITINGS)
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR
THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

110 NUMBER 19 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
ACCESSION NUMBER: 2000:088982 CAPLUS
DOCUMENT NUMBER: 13239340
TITLE: Preparation of aryltriazines as agrochemical
fungicides.
INVENTOR(S): Bowers, Richard James; Frazier, Deborah Ann; Howard,
Michael Henry, Jr.; Roethlis, Gerard Michael
E. T. Du Pont de Nemours & Co., USA
U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 442,433,
abandoned.
COMBID INDEX: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:



110572-31-3 CAPLUS
Benzaldehyde, 2-(1,3-dihydro-5-methoxy-2-methyl-3-oxo-4-oxo-1,2,4-
triazol-4-yl)-1-phenyl-4-yl-2-methylhydrazine (CA INDEX NAME)

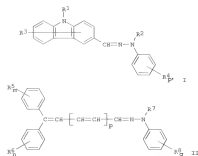


110572-31-3 CAPLUS
Benzaldehyde, 2-(1,3-dihydro-5-methoxy-2-methyl-3-oxo-4-oxo-1,2,4-
triazol-4-yl)-1-phenyl-4-yl-2-methylhydrazine (CA INDEX NAME)

110 ANMER 19 OF 59 CAPUS COPYRIGHT 2011 ACS ON STM (Continued)
 OR CITING REF COUNT: 8 THERE ARE 8 CAPUS RECORDS THAT CITE THIS RECORD
 (8 CITINGS)
 REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RECORD.
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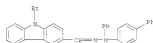
110 ANMER 20 OF 59 CAPUS COPYRIGHT 2011 ACS ON STM
 ACCESSION NUMBER: 2006-205790 CAPUS
 DOCUMENT NUMBER: 132124917
 TITLE: Electrophotographic photoreceptor for process cartridge of electrophotographic apparatus
 INVENTOR(S): Haba, Koichi; Tanaka, Masato
 PATENT ASSIGNOR(S): Canon Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 31 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY REC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005097490	A	0606031	JP 1998-276387	19990914
FRONTIER AUT. INFO.			JP 1998-276387	19990914
OTHER SOURCE(S):		NUMPAT 132124917		
GI				



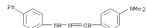
AB The electrophotog. photoreceptor has a light-sensitive layer on a support, wherein the light sensitive layer has a charge generating substance chosen from chlorogallium phthalocyanine and hydroxygallium phthalocyanine and a charge transporting compound chosen from I (R1 = alkyl, aralkyl, aryl) alkyl, aralkyl, aryl, alkyl, substituted alkyl; R2 = halo, alkyl, aralkyl, aryl, alkoxy, substituted alkyl; R3 = halo, alkyl, aralkyl, aryl, alkoxy, substituted alkyl; and II (R5 = halo, alkyl, aralkyl, aryl, alkoxy, substituted

110 ANMER 21 OF 59 CAPUS COPYRIGHT 2011 ACS ON STM (Continued)
 alkyl, n = 0-5 integer; p = 0, 1, 2, 3, 4 = alkyl, aralkyl, aryl; R6 = halo, alkyl, aralkyl, aryl, alkoxy, substituted alkyl; q = 0-5 integer). The photoreceptor provides the excellent sensitivity towards the long wavelength light, the excellent voltage characteristics, and little faulty image.
 IT 261711-64-0
 R1a TIM (Technical or engineered material use); USES (Uses) (charge transporting compound for electrophotog. photoreceptor)
 R1 261711-64-0 CAPUS
 R1 36-Carbazole-3-carboxaldehyde, 9-ethyl-, 2-[1,1'-biphenyl-4-yl]-2-phenylhydrazine [CA INDEX NAME]



110 ANMER 22 OF 59 CAPUS COPYRIGHT 2011 ACS ON STM
 ACCESSION NUMBER: 2006-141613 CAPUS
 DOCUMENT NUMBER: 133110999
 TITLE: Photoconductive study of PVK and its copolymers doped with C60
 AUTHOR(S): Wang, Chang-shun; Bu, Jian-hua; Fu, Shou-kuan
 CORPORATE SOURCE: Department of Macromolecular Science, Laboratory of Polymer Molecular Engineering, Fudan University, P. R. China
 SOURCE: Fudan Science
 PUBLISHER: Fudan Science
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese

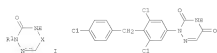
AB A series of N-vinylcarbazole (NVC)/butyl acrylate (BA) copolymers were prepared using free radical polymerization. NVC was able to well copolymerize with BA and the monomers comp. of starting mixture were very similar to the monomer unit comp. in the final copolymers. It was observed by TEM that adding monomer BA improved the film forming property of the PVK (polyvinylcarbazole). Meanwhile, the photomod. of PVK and its copolymer doped with C60 also has been studied. Adding C60 in PVK could improve its photomod. dramatically. The NVC/BA copolymers doped with C60 also had good photomod. The photomod. of copolymer containing 50A BA units was similar to pure PVK, and this system had good film properties, further increase of the BA units in the copolymer, the photomod. of the copolymer would decrease slowly.
 IT 133111-36-5
 R1a PVP (Pegapolymer)
 R1a PVP (Pegapolymer) (effect on photomod. of polyvinylcarbazole and its copolymers doped with C60)
 R1 133111-36-5 CAPUS
 R1 Benzaldehyde, 4-(dimethylamino)-, 2-[1,1'-biphenyl]-4-ylhydrazine [CA INDEX NAME]



110 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 1996:712918 CAPLUS
 DOCUMENT NUMBER: 126:31323
 ORIGINAL REFERENCE NO.: 126:18154;1816
 TITLE: Method of producing 1,2,4-triazine-3-one derivatives
 by cyclizing semicarbazone derivatives
 INVENTOR(S): Miki, Hiroaki; Sawaguchi, Aoki, Isao
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: Eur. Pat. Appl., 27 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION: 2

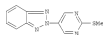
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 739672	A2	19961216	JP 1996-105489	19960404
JP 739672	A3	19961227		
EP 127672	A	20021004		
US 6211718	R1	20020403	JP 1996-89284	19960403
CA 2140643	A3	19961015	CA 1996-2374063	19960402
US 1142712	A	19970122	US 1996-104625	19960402
US 1865285	C	20020221		
US 5934355	A	19991130	US 1997-810499	19970228
US 6211718	R1	20020403	US 1999-335938	19990618
			JP 1995-89786	A 19950404
			JP 1993-288654	A 19931015
			JP 1994-223761	A 19940919
			US 1994-322489	R3 19941014
			US 1996-602451	R2 19960216
			US 1996-632580	R2 19960415
			US 1996-750599	R1 19961122
			US 1997-810499	A3 19970228

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LISTS DISPLAY FORMAT
 CITE SOURCE(S): CASCADCT 316:842; MOWAT 126:4142
 GI



A8 The title compds. [1] R1 = (un)substituted hydrocarbons; X = CO, CH, an

110 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 1996:702555 CAPLUS
 DOCUMENT NUMBER: 126:31323
 ORIGINAL REFERENCE NO.: 126:63784;6376a
 TITLE: Chemistry and nonlinear optical properties of new 2R-benzotriazole derivatives
 INVENTOR(S): Gopper, Rudolf; Walther, Peter
 SOURCE: Just. Organische Chemie, Univ. Muenchen, Munich, D-80333, Germany
 PUBLISHER: Tetrahedron 1996), 52(45), 14607-14624
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

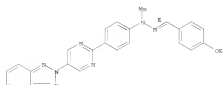


A8 A 2R-benzotriazolyl group was introduced as a new electron-withdrawing group for non-linear optically-active chromophores. Novel benzotriazole deriva. and hydrazones were synthesized. While their electronic structure

and acceptor capability was comparable to those of structurally related nitro compds., 2R-benzotriazoles showed a more favorable transparency-non-linearity trade-off for non-linear optical applications. An example compound was 2-[5-[2-(methyldio)-4-pyrimidinyl]ethenyl]-2R-benzotriazole [1]. The first mol. hyperpolarizabilities β were measured with hyper-Raleigh scattering (HRS).

IT 184245-54-3P
 R1: 2R (Synthetic preparation); PREP (Preparation)
 2R-benzotriazole
 Derive-1
 R0 184245-54-3 CAPLUS
 C0 Benzotriazole, 2-methoxy-, [4-[5-(2R-benzotriazol-2-yl)-2-pyrimidinyl]phenyl]methyl]hydrazones, (R)- (9CI) (CA INDEX NAME)

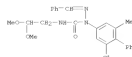
Double bond geometry as shown.



110 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 optionally substituted CR2; dashed line = optional double bond) prepd. in an industrial manner conveniently and simply in high yield by cyclizing semicarbazone derivs. represented by R1N(R2CR3)CONHC2CR4C2 (R2, R3 = H, an optionally substituted hydrocarbon, an electron withdrawing group; R4 = an optionally substituted alkyl) [11]. If are prepd. by reacting hydrazone derivs. represented by R1N(R2CR3) with diazoacetyl isocyanates represented by (R4O)2C=NC=O. 1 are useful as herbicides, pesticides, parasiticides, and veterinary drugs (no data). Thus, 1-benzylidene-2-[4-(4-chlorobenzyl)-3,5-dichlorophenyl]-4-(2,5-dichlorophenyl)semicarbazide was cyclized in the presence of 35% HCl to give 204 -2-[2,5-dichloro-6-[4-chlorobenzyl]phenyl]-6,5-dihydro-1,2,4-triazine-3(2H)-one, which was oxidized by H2O2 to give 254 the title compd. [11].

IT 181642-01-2P
 R1: RCT (Reagent); SYN (Synthetic preparation); PREP (Preparation); RACT (Reagent or reagent)
 Preparation of triazalone derivs. by cyclizing semicarbazone derivs.
 R0 181642-01-2 CAPLUS

C0 Hydroxylsemicarbazone, 1-(2-chloro-4-methyl-3'-biphenyl)-4-yl)-N-(2,2-dimethoxyethyl)-2-(phenylmethyl)ene- (CA INDEX NAME)



ON CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
 (4 CITINGS)

110 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 ON CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)

L10 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN

ACCESSION NUMBER: 1994:116923 CAPLUS

DOCUMENT NUMBER: 114178859

ORIGINAL REFERENCE NO.: 124:333374, 331404

TITLE: Reaction of 1-alkylthio-substituted thiophthalium salts with hydrazones of aromatic aldehydes

AUTHOR(S): Oparin, D. A.; Salodnov, A. A.

SOURCE: Vestsi Akademii Nauk Belarusi, Berysa Khimichesk

INSTRUMENT: Minsk (1995), 11, 62-4

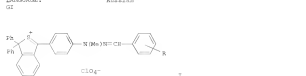
COUNTRY: VARNIA; ISSN: 0002-3590

LANGUAGE: Russian

DOCUMENT TYPE: Journal

LANGUAGE: Russian

GE



AB Cationic dyes I (R=H, 4-MeO, 3-Me) were prepared by the reaction of 1-alkylthio-1,3-diphenylthiophthalium tetrafluoroborate with methylphenylhydrazones of benzaldehyde or substituted benzaldehydes (p-CH₃, p-Br) under conditions of general acidic catalysis.

IT 17393-42-9 17393-44-29 17393-46-39

Elu SPH (Synthetic preparation) FRET (Preparation)

(reaction of 1-alkylthio-substituted thiophthalium salts with hydrazones in the solution of pyridine)

HN 17393-42-9 CAPLUS

CU 18-Benzothiazolium, 3-[4-[methylphenylmethylene]hydrazino]phenyl-1,1-diphenyl-, perchlorate (PCl) (CA INDEX NAME)

CH 1

CHN 17393-43-0

CHF C14 R2 R2 S



CH 2

CHN 14797-73-0

CHF C3 O4

L10 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)

CH 2

CHN 14797-73-0

CHF C3 O4



L10 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)

ACCESSION NUMBER: 1995:031105 CAPLUS

DOCUMENT NUMBER: 122:20115

ORIGINAL REFERENCE NO.: 122:38836, 38844

TITLE: Aromatically substituted pyrimidine derivatives, their

preparation, and their use in liquid-crystal mixtures for nonlinear optics

AUTHOR(S): Gomer, Rudolf; Engel, Harald; Lugo, Donald

SOURCE: Nechtel, A.-G., Germany

INSTRUMENT: Goe. Offen., 20 pp.

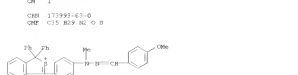
COUNTRY: GERMANY

LANGUAGE: German

DOCUMENT TYPE: Patent

LANGUAGE: German

OTHER SOURCE(S): WMAPST 122:20115



CH 1

CHN 14797-73-0

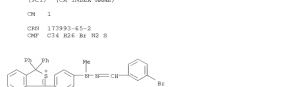
CHF C3 O4



CH 1

CHN 17393-45-2

CHF C14 R2 R2 S



L10 ANSWER 27 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN

ACCESSION NUMBER: 1995:031105 CAPLUS

DOCUMENT NUMBER: 122:20115

ORIGINAL REFERENCE NO.: 122:38836, 38844

TITLE: Aromatically substituted pyrimidine derivatives, their

preparation, and their use in liquid-crystal mixtures for nonlinear optics

AUTHOR(S): Gomer, Rudolf; Engel, Harald; Lugo, Donald

SOURCE: Nechtel, A.-G., Germany

INSTRUMENT: Goe. Offen., 20 pp.

COUNTRY: GERMANY

LANGUAGE: German

DOCUMENT TYPE: Patent

LANGUAGE: German

OTHER SOURCE(S): WMAPST 122:20115

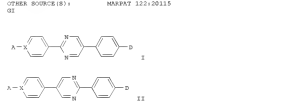
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4241806	A1	19940616	DE 1992-4241806	19921211
US 5579774	A	19960416	US 1993-164145	19931209
JP 0628233	A	19940616	JP 1992-312145	19921212
FR10468-81-89		DE 1992-4241806	A	19921211

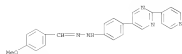
ASSESSMENT HISTORY FOR US PATENT AVAILABLE IN L808 DISPLAY FORMAT

OTHER SOURCE(S): WMAPST 122:20115

GE

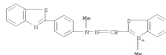


AB The compts. have the general formula I or II, where R1 = H2C=, R2=OCH₃, R3=OCH₃, R4=H, R5=H, R6=H, R7=H, R8=H, R9=H, R10=H, R11=H, R12=H, R13=H, R14=H, R15=H, R16=H, R17=H, R18=H, R19=H, R20=H, R21=H, R22=H, R23=H, R24=H, R25=H, R26=H, R27=H, R28=H, R29=H, R30=H, R31=H, R32=H, R33=H, R34=H, R35=H, R36=H, R37=H, R38=H, R39=H, R40=H, R41=H, R42=H, R43=H, R44=H, R45=H, R46=H, R47=H, R48=H, R49=H, R50=H, R51=H, R52=H, R53=H, R54=H, R55=H, R56=H, R57=H, R58=H, R59=H, R60=H, R61=H, R62=H, R63=H, R64=H, R65=H, R66=H, R67=H, R68=H, R69=H, R70=H, R71=H, R72=H, R73=H, R74=H, R75=H, R76=H, R77=H, R78=H, R79=H, R80=H, R81=H, R82=H, R83=H, R84=H, R85=H, R86=H, R87=H, R88=H, R89=H, R90=H, R91=H, R92=H, R93=H, R94=H, R95=H, R96=H, R97=H, R98=H, R99=H, R100=H, R101=H, R102=H, R103=H, R104=H, R105=H, R106=H, R107=H, R108=H, R109=H, R110=H, R111=H, R112=H, R113=H, R114=H, R115=H, R116=H, R117=H, R118=H, R119=H, R120=H, R121=H, R122=H, R123=H, R124=H, R125=H, R126=H, R127=H, R128=H, R129=H, R130=H, 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R1116=H, R1117=H, R1118=H, R1119=H, R1120=H, R1121=H, R1122=H, R1123=H, R1124=H, R1125=H, R1126=H, R1127



ON-CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L10 ANSWER 28 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1993170970 CAPLUS
 DOCUMENT NUMBER: 118170970
 ORIGINAL REFERENCE NO.: 118129311a, 29314a
 TITLE: Molecular structure of cationic dye and their mixing properties
 AUTHOR(S): Xie, Hongliang; Yang, Jiansong; Ren, Yufen
 CORPORATE SOURCE: Inst. Chem. Eng., Beijing Univ. Technol., Beijing, 100027, Peop. Rep. China
 SOURCE: Huopeng Zenshu (Chinese Edition) (1992), 42(2), 247-54
 CUSHN: HERN; ISDN: 0438-1157
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese
 AB: The mixing properties of F-containing triazine and azo cationic dyes could be described by the inorg. value (I)-organic value (O) ratio of the dyes. The organic and inorg. values of the dye could be as: O value = $\pi \cdot 10 + \frac{1}{2}n$ and I value = $\frac{1}{2}n$ (where n is the carbon nos., O and I: the organic value and inorg. value of the substitution group, resp.).
 IT 146672-23-3
 RL AC: (Miscellaneous)
 (dyes, mixing properties of, inorg. value-organic value ratio in relation to)
 RH 146672-23-3 CAPLUS
 CH Benzothiazolium, 2-[[2-[4-(2-benzothiazolyl)phenyl]-2-methylhydrazinylidene]methyl]-2-methyl-, chloride (1:1) (CA INDEX NAME)



● Cl-

L10 ANSWER 29 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1993149214 CAPLUS
 DOCUMENT NUMBER: 118149214
 ORIGINAL REFERENCE NO.: 11818667a, 8670a
 TITLE: Electrophotographic photoreceptor with high sensitivity
 INVENTOR(S): Kawata, Kenji; Shibata, Osamu; Kocho, Noboru
 PATENT ASSIGNEE(S): Fuji Electric Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY AC. HUM. COUNT: 1
 PATENT INFORMATION: 1

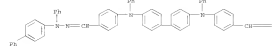
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 0418765	A	19920430	JP 1990-249074	19900919
JP 0217419	B2	19990712	JP 1990-249074	19900919

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB In an electrophotographic photoreceptor having charge-generating and charge-transporting layers from organic materials on a conductive support, the charge-transporting layer contains an amine compound 21222008704
 [R1-4 = alkyl, aralkyl, aryl, heterocyclyl, thenyl; X = aryl, Yip-C6H4(2); Y = C6H5, 7; R5,6 = alkyl] and a hydrazone compound 242008132 (Ar = aryl, condensed cyclyl, heterocyclyl). Alternatively, the amine compound may be 212.
 IT 145193-31-3
 RL US28 (Hexa)
 (charge-transporting substance, electrophotographic photoreceptor containing)
 RH 145193-31-3 CAPLUS
 CH Benzaldehyde, 4,4'-[[1,2'-biphenyl]-4,4'-diylbis(phenylimino)]bis-, bis[[1,2'-biphenyl]-4-ylphenylhydrazine) (9CI) (CA INDEX NAME)

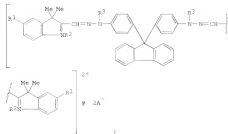
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L10 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 1992;7923 CAPLUS
 DOCUMENT NUMBER: 116;7923
 ORIGINAL REFERENCE NO.: 116;15234;15264
 TITLE: Cationic dyes and their use in dyeing of paper, leather, and textile
 INVENTOR(S): Inakori, Hiroshi; Kondo, Masayoshi; Nakaya, Teruo
 PATENT AGENT(S): Nakaya Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATA	APPLICATION NO.	DATA
JP 61102140	A	19920124	JP 1989-109180	19891110
PRIORITY APPL. INFO.			JP 1989-109180	19891110

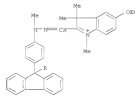
OTHER SOURCE(S): MARPAT 116;7923
 CI:



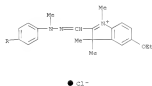
AB The dyes [I] (R1 = H, Cl, Me, OMe, OEt; COOMe; R2 = (OMe, Cl-4-alkoxy-4'-hydroxy, Me, HMDO, PM, or pMD-substituted) Cl-3-alkyl; R3 = Cl-4-alkyl; A = anion), useful for dyeing pulp, paper, leather, cotton, and gelatin, were prepared. When, R1, R2, R3, and A-substituted fluorene was tetraalkylated, coupled with 1,1,3,3-tetramethyl-2-methylindoline, quaternized with Me2SO, and salted out with NaCl to give I (R1 = H, R2 = Me, A = Cl) (II), laser 440 nm in 50% aqueous acetone. A mixture of 50% unbleached sulfite pulp and 50% mech. pulp was dyed with II and made into bright yellow paper with good fastness to light and water, and the wastewater from the papermaking was practically uncolored.

L10 ANSWER 39 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

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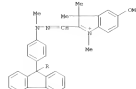
PAGE 2-A



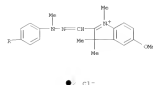
FI 138001-79-2 CAPLUS
 CN 38-Indolium, 2,2'-[98-fluorene-9-ylidenebis(4,1-phenylene[2-methyl-2-hydraxynyl-1-ylidene)methylidene]bis[5-methoxycarbonyl]-1,3,3-trimethyl-, dichloride (PCI) (CA INDEX NAME)

L10 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 IT 138001-75-9F 138001-77-1F 138001-78-2F
 RU 1M (Industrial manufacture) PREP (Preparation)
 Preparation of, as orange dye for cotton and leather and paper
 RU 138001-75-9 CAPLUS
 CN 38-Indolium, 2,2'-[98-fluorene-9-ylidenebis(4,1-phenylene[2-methyl-2-hydraxynyl-1-ylidene)methylidene]bis[5-methoxy-1,3,3-trimethyl-, dichloride (PCI) (CA INDEX NAME)

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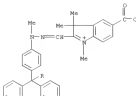
PAGE 2-A



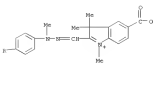
FI 138001-77-1 CAPLUS
 CN 38-Indolium, 2,2'-[98-fluorene-9-ylidenebis(4,1-phenylene[2-methyl-2-hydraxynyl-1-ylidene)methylidene]bis[5-methoxy-1,3,3-trimethyl-, dichloride (PCI) (CA INDEX NAME)

L10 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

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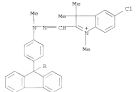


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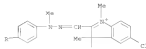


FI 138001-74-8F
 RU 1M (Industrial manufacture) PREP (Preparation)
 Preparation of, as red dye for leather
 FI 138001-74-8 CAPLUS
 CN 38-Indolium, 2,2'-[98-fluorene-9-ylidenebis(4,1-phenylene[2-methyl-2-hydraxynyl-1-ylidene)methylidene]bis[5-chloro-1,3,3-trimethyl-, dichloride (PCI) (CA INDEX NAME)

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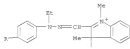
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● Cl⁻

IT 138001-72-4P 138001-73-7P 138001-76-0P
 138001-79-1P 138001-80-0P 138001-81-1P
 138001-82-2P 138001-83-3P 138001-84-0P
 138001-85-1P 138001-86-2P 138001-87-1P
 138001-88-4P 138001-89-5P
 RI, IR Industrial manufacture; PREP (Preparation)
 Preparation of, as yellow dye for cotton and paper)
 RI 138001-72-4 CAPLUS
 CH 36-Indolium, 2,2'-(98-fluoren-9-ylidenebis[4,1-phenylene[2-methyl-2-hydraxyl-1-ylidene)methylidene]bis[1,3,7,5-trimethyl-, dichloride (PCI)
 (CA INDEX NAME)

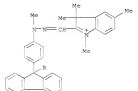
PAGE 2-A



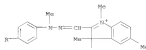
● Cl⁻

RI 138001-76-0 CAPLUS
 CH 36-Indolium, 2,2'-(98-fluoren-9-ylidenebis[4,1-phenylene[2-methyl-2-hydraxyl-1-ylidene)methylidene]bis[1,3,7,5-trimethyl-, dichloride (PCI)
 (CA INDEX NAME)

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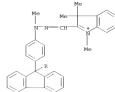


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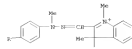


● Cl⁻

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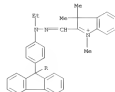
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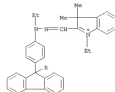
● Cl⁻

RI 138001-73-7 CAPLUS
 CH 36-Indolium, 2,2'-(98-fluoren-9-ylidenebis[4,1-phenylene[2-ethyl-2-hydraxyl-1-ylidene)methylidene]bis[1,3,7,3-trimethyl-, dichloride (PCI)
 (CA INDEX NAME)

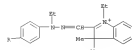
PAGE 1-A



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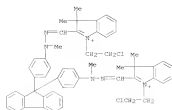


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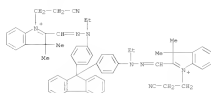
● Cl⁻

RI 138001-80-6 CAPLUS
 CH 36-Indolium, 2,2'-(98-fluoren-9-ylidenebis[4,1-phenylene[2-methyl-2-hydraxyl-1-ylidene)methylidene]bis[1-(2-chloroethyl)-3,3-dimethyl-, dichloride (PCI)
 (CA INDEX NAME)



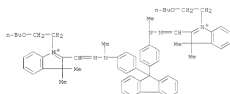
● 2. Cl⁻

HN 138001-81-7 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-cyanoethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



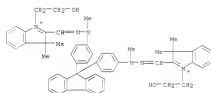
● 2. Cl⁻

HN 138001-82-9 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-methoxyethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



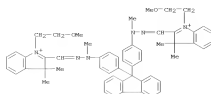
● 2. Cl⁻

HN 138001-83-1 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-methoxyethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



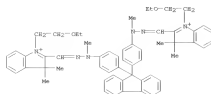
● 2. Cl⁻

HN 138001-84-2 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-amino-3-oxopropyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



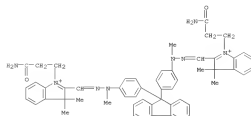
● 2. Cl⁻

HN 138001-87-3 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-methoxyethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



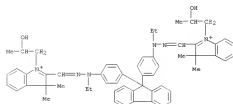
● 2. Cl⁻

HN 138001-84-0 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-methoxyethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



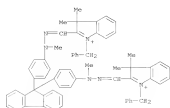
● 2. Cl⁻

HN 138001-87-3 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-ethyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-hydroxypropyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



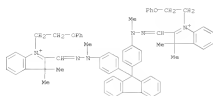
● 2. Cl⁻

HN 138001-88-4 CAPLUS
CN 78-Indolium, 2,2'-[98-fluoren-9-ylidenebis[4,1-phenylene(2-methyl-2-hydroxyethyl-1-ylidene)methylidene]]bis[1-(2-hydroxyethyl)-3,3-dimethyl-, dichloride (PCT)] (CA INDEX NAME)



● 2 Cl⁻

NR 139001-89-5 CAPLOS
 CR 76-Indolium, 2,2'-[99-[Isoren-9-ylidenebis[4,1-phenylene[2-methyl-2-hydrate-1-ylidene)methylidene]bis[3,3-dimethyl-1-(2-phenylmethyl)-, dicationic (PCT) (CA INDEX NAME)

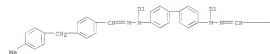


● 2 Cl⁻

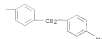
PAGE 1-A



2 (D1=Me)



PAGE 1-B



NR 137388-43-5 CAPLOS
 CR Benzaldehyde, 3,5-bis(phenyl-), [1,1'-bis(phenyl)-4,4'-dibis[4-(methoxyphenyl)hydrazones] (PCT) (CA INDEX NAME)

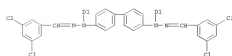
110 ANEXER 31 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1991466818 CAPLOS
 DOCUMENT NUMBER: 115464819
 ORIGINAL REFERENCE NO.: 115451534, 451564
 TITLE: Electrochromic photoconductor using bishydrazones
 INVENTOR(S): Omi, Ritschi, Takeuchi, Masako
 PATENT ASSIGNEE(S): Mitsubishi Ramo Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 0319741 A 19910511 JP 1989-250167 19891003
 JP 2502118 B2 19911102 JP 1989-250167 19891003
 PRIORITY APPL. INFO.:
 GI



AB The photoconductor comprises an elec. conductive support with a coating of a photoconductive layer containing a bishydrazones derivative I (R, R1 = alkyl, alkoxy; R2, R3 = (substituted) aryl, (substituted) heterocyclic residue). The photoconductor shows increased photosensitivity and improved durability in repeated use. Thus, an Al-deposited polyester film support was coated with a charge-generating layer containing a diazo pigment and overcoated with a charge-transporting layer containing I (R, R1 = H; R2, R3 = p-CH3OC6H4) to give a photoconductor.
 17 137388-44-4P 137388-45-4P 137407-21-7P
 137407-22-8P 137407-23-9P 137407-24-0P
 137407-25-1P 137407-26-2P 137407-27-3P
 137407-28-4P 137407-29-5P 137535-07-4P
 RU: PREP (Preparation)
 [preparation of, as charge-transporting agent for electrophotog. photoconductor]
 NR 137388-44-4 CAPLOS
 CR Benzaldehyde, 4-[(4-methylphenyl)methyl]-, [1,1'-bis(phenyl)-4,4'-dibis[4-(methoxyphenyl)hydrazones] (PCT) (CA INDEX NAME)

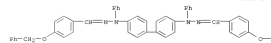


2 (D1=Me)



NR 137407-21-7 CAPLOS
 CR Benzaldehyde, 4-(phenylmethoxy)-, [1,1'-bis(phenyl)-4,4'-dibis[4-(phenylmethoxy)hydrazones] (PCT) (CA INDEX NAME)

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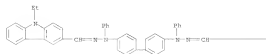


PAGE 1-B



110 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

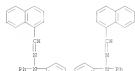
EN 137407-23-9 CAPLUS
CN 98-Carbazole-3-carboxaldehyde, 9-methyl-,
[1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono) (9CI) (CA INDEX NAME)



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EN 137407-24-0 CAPLUS
CN 3-Biphenylcarboxaldehyde,
[1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono)
(9CI) (CA INDEX NAME)

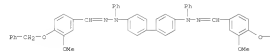


EN 137407-25-1 CAPLUS
CN Benzaldehyde, 2-methoxy-, [1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono)
(9CI) (CA INDEX NAME)



110 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

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EN 137407-26-2 CAPLUS
CN Benzaldehyde, 4-methyl-, [1,1'-biphenyl]-4,4'-
diylbis(phenylhydrazono) (9CI) (CA INDEX NAME)

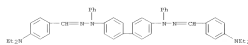


2 (DL-O-Me)

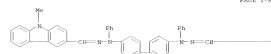
OS-CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS
RECORD (3 CITATIONS)

110 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

EN 137407-26-2 CAPLUS
CN Benzaldehyde, 4-(diethylamino)-, [1,1'-biphenyl]-4,4'-
diylbis(phenylhydrazono) (9CI) (CA INDEX NAME)



EN 137407-27-3 CAPLUS
CN 98-Carbazole-3-carboxaldehyde, 2-methyl-,
[1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono) (9CI) (CA INDEX NAME)



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EN 137407-28-4 CAPLUS
CN 2-Thiophenecarboxaldehyde, [1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono)
(9CI) (CA INDEX NAME)



EN 137407-29-5 CAPLUS
CN Benzaldehyde, 3-methoxy-4-(phenylethoxy)-,
[1,1'-biphenyl]-4,4'-diylbis(phenylhydrazono) (9CI) (CA INDEX NAME)

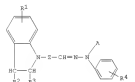


110 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

ACCESSION NUMBER: 1989100405 CAPLUS
DOCUMENT NUMBER: 110102005
ORIGINAL REFERENCE NO.: 110133504, 33504a
TITLE: Electrophotographic photosensor using an
indoline-type hydrazone
INVENTOR(S): Tanaka, Hiromi
PATENT ASSIGNOR(S): Canon K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.
DOCUMENT TYPE: CDESH: JPO/JP
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: 1

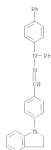
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63249151	A	19881017	JP 1987-82981	19870406
PRIORITY APPL. INFO.:			JP 1987-82981	19870406

G2



A8 The photosensor has a layer containing I (R1-4 = H, (un)substituted
alkyl,
aryl, aralkyl; Z = divalent aryl; A = alkyl, aryl, or aralkyl). Thus, A
photosensor with a charge-transport layer containing I (R1-4 = H; Z =
p-phenylene; A = Ph) was highly sensitive and durable.

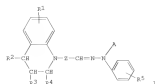
120225-13-9
EN 137407-29-5 CAPLUS
CN Benzaldehyde, 4-(2,3-dihydro-1H-indol-1-yl)-,
2-[1,1'-biphenyl]-4-yl-2-phenylhydrazono (CA INDEX NAME)



110 ANSWER 32 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM
 ACCESSION NUMBER: 1989:182924 CAPLUS
 DOCUMENT NUMBER: 110:182924
 ORIGINAL REFERENCE NO.: 110:18177a, 20180a
 TITLE: Electrophotoconductive photoconductor using a quinoline-type hydrazones
 INVENTOR(S): Tanaka, Hiromi
 PATENT ASSIGNEE(S): Canon K. K., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 67249156	A	19901017	JP 1987-82960	19870406
PRIORITY AFTER. INFO.			JP 1987-82969	19870406

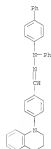
GI



AB The photoconductor has a layer containing 1 (R2-5 = H, (un)substituted alkyl, aryl, or alkyl; R = divalent aryl; and A = alkyl, aryl, or aralkyl). Thus, a photoconductor with a charge-transport layer containing 1 (R2-5 =

R = p-phenylene; A = Ph) was highly sensitive and durable.

17 12227-95-4
 RI USES (Class)
 (charge-transport agent, for electrophot. photoconductor)
 RI 19227-95-4 CAPLUS
 CN Benzaldehyde, 4-(3,4-dihydro-1(2H)-quinolyl)-,
 2-[3,4'-biphenyl]-4-yl-2-phenylhydrazones (CA INDEX NAME)



110 ANSWER 33 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STM
 ACCESSION NUMBER: 1988:131765 CAPLUS
 DOCUMENT NUMBER: 108:131765
 ORIGINAL REFERENCE NO.: 108:13176a, 21622a
 TITLE: Synthesis and some properties of 4a derivatives of 6,8-dimethylpyrrolo[5,4-c]1,2,4-triazine-3,7,8-trione
 AUTHOR(S): Azev, Yu. A.; Mudretskaya, I. I.; Sidorov, E. O.; Pidemskii, E. L.; Golevaeva, A. F.; Aleksandrova, G.
 A. CONGRATE SOURCE: Ural. Politekh. Inst., Sverdlovsk, USSR
 SOURCE: Khimiko-Farmatsevticheskiy Zhurnal (1997), 21(7), 822-23
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 108:131765
 GI

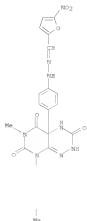


AB 4a-Deriv. of 2,3,4,4a,5,6,7,8-octahydro-6,8-dimethylpyrrolo[5,4-c]triazine-3,7,8-trione (Furovulcan-3-one) [7] were prepared via its reaction with indole, phenylhydrazine, o-phenylenediamine, and 1-phenyl-2-methyl-2-pyrrolo[5,4-c]1,2,4-triazine-3-one. The FURROSE derivative was converted to

Schiff bases with p-methoxybenzaldehyde and 5-nitrofurazone. The phenylenediamines were converted to the corresponding benzimidazolethione by C2.

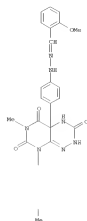
17 113458-65-4P 113458-66-1P
 RI: SPI (Synthetic preparation); PREP (Preparation)

RI 113458-65-4 CAPLUS
 CN 2-Furazanothioaldehyde, 5-nitro-,
 2-[4-(3,4,5,6,7,8-octahydro-6,8-dimethyl-3,7,8-triazine-4a(2H)-yl)phenyl]hydrazones (CA INDEX NAME)



RXN 115488-66-5 CAPLUS
 CN Benzaldehyde, 2-methoxy-, 2-[4-(3,4,5,6,7,8-hexamethoxy-6,8-dimethyl-3,5,7-trimethoxyimino)-1,4-oxa-1,3,4-triazolo-4a(3H)-p-phenyl]hydrazono (CA INDEX NAME)

L10 ANSWER 35 OF 59 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 1981:127120 CAPLUS
 DOCUMENT NUMBER: 102:127120
 ORIGINAL REFERENCE NO.: 102:198854,1988a
 TITLE: Antiphytoviral compounds with noncyclic azine structure
 AUTHOR(S): Schubert, G.; Heinisch, L.; Schulze, W.; Ulbricht, R.; Willmutter, H.
 CORPORATE SOURCE: Sekt. Biowiss., Karl-Maria-Univ. Leipzig, Leipzig, DDR-7010 (Ger. Dem. Rep.)
 SOURCE: Phytopathologische Zeitschrift (1984), 111(2), 97-113
 COUNTRY, PUBL. YR: GERM, 1983
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 AB The antiphytoviral activities of variously substituted compds. with noncyclic azine structures were studied. Of a total of 90 tested compds. 42 had the effect of more or less strongly inhibiting the concentration of potato virus X (PVX) in inoculated and (or) secondarily infected leaves of Nicotiana tabacum cv Sarum. An effect on the virion of PVX in vitro was not observed. Thus, the substances may interact with the virus replication. Some of them also reduced the number of local lesions caused by tobacco mosaic virus on leaves of N. glauca. Several compds. were excellent synergists of 2,4-dimethoxybenzo-3,5,6-triazole (DMT) [10322-79-6]. Pyridine-3-aldehyde-8-ethyl-laethiosemicarbazone [4649-17-0] and 1-ethyl-laethio-8-ethyl-laethiosemicarbazone 9a compds. when used in combination with DMT greatly increased the mass of potato tubers produced from plantlets derived from potato eye cuttings, as compared with the identical control. Simultaneously the mentioned substances reduced the number of symptom-bearing eye cutting plants. Quinoline-2-aldehyde-8-oxide-8-allyl-laethiosemicarbazone [47322-83-2] greatly reduced the number of symptom-bearing plants, without substantially influencing the mass of tubers. Thus, some compds. with noncyclic azine structure, especially when used in combination with DMT, may be of high interest for practical application. Comparing the structures of compds. with noncyclic azine structure active against plant or human viruses, the antiphytoviral compds. are only infrequently active against animal viruses and vice versa. However, the compds. active in these 2 different virus host systems often are closely related structurally.
 IT 91374-16-4 95397-69-6
 RJL Bc (Biological activity on effector, except adwara); B50 (biological activity); B70 (biological study)
 CN Benzaldehyde, 2-hydroxy-, 2-[4-[5-(methylthio)-1,3,6-thiadiazol-2-yl]phenyl]hydrazono (CA INDEX NAME)



OC.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)



RXN 95397-69-6 CAPLUS
 CN Benzaldehyde, 2-[4-[5-(methylthio)-1,3,6-thiadiazol-2-yl]phenyl]hydrazono (CA INDEX NAME)

OC.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)

L10 ANSWER 36 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1985:53930 CAPLOS
 DOCUMENT NUMBER: 101283920
 ORIGINAL REFERENCE NO.: 101283594,83624
 TITLE: Electrophotographic photosensitive materials
 PATENT ASSIGNER(S): Canon K. K., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

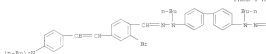
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 5944846	A	19840922	JP 1983-41479	19830115
PRICITTY APPL. INFO.			JP 1983-41479	19830115

AB Electrophotographic photosensitive materials contain a hydrazone compound of the formula $R^1R^2C=N-NH-C(=N)R^3R^4$ [I: R, R¹ = alkyl, aralkyl, Ph; R² in combination may complete a 5- or 6-membered heterocycle; R³, R⁴ = alkyl, aralkyl, aryl; 5, 6 = silylene; R⁵ = divalent organic moiety]. The hydrazones I are especially useful in charge-transfer layers of composite electrophotographic plates. Thus, an Al support was coated with a composition containing β -Cu phthalocyanine and a polyester resin and coated with a composition containing II and a polycarbonate resin to give a composite electrophotographic plate having good sensitivity and durability.

IT 944147-4
 RI: 700 (technical or engineering material use); URES (Uses)
 (electrophotographic charge-transfer agent)

RI 944147-4 CAPLOS
 CH Benzaldehyde, 2-bromo-4-[2-(4-(diethylamino)phenyl)ethenyl-1,1'-biphenyl]-4,4'-diylbis(benzylhydrazones) (BC7) (CA INDEX NAME)

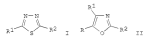
PAGE 1-A



L10 ANSWER 37 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1984:524891 CAPLOS
 DOCUMENT NUMBER: 10114891
 ORIGINAL REFERENCE NO.: 101189399,189426
 TITLE: Agent for chemotherapy of crop viruses
 INVENTOR(S): Schaefer, Gottfried; Rochnauer, Werner; Kramer, Wilfried; Steinke, Walter; Herwigklee, Walter; Winter, Harald; Steinke, Ulrich; Kaser, Gerhard; Ranzach, Christoph; et al.
 PATENT ASSIGNEE(S): Ger. Dem. Rep.
 SOURCE: Ger. (East), 24 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 160762	A3	19840307	DD 1981-228754	19810331
PRICITTY APPL. INFO.			DD 1981-228754	19810331

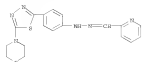
GI



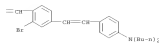
AB The plant virocidal activity of 2,4-dioxobenzohydro-1,3,5-triazine [27521-78-5] is augmented by a thiadiazole I (R1 and R2 = H), alkylamino, arylamino, etc.), and/or an oxazole II (R = alkyl, Ph, or heteroaryl; R1 = alkyl, Ph, Or, or CO2R; R2 = H, Me, guanyl, etc.) and/or a hydrazone III [R1: C(R2)R3 (R1 and R2 = H, Me, CN, heterocyclic radical, etc., R3 and R4 = H, Me, CN, etc.). Thus, the inhibitory effect of 2,4-dioxobenzohydro-1,3,5-triazine on potato virus Y, an acyclic-injected Nicotiana glauca leaves, was enhanced by pyridin-2-ylmethylidene 8-cyanothiouracil (18039-17-0).

IT 8540-80-6 91574-73-1 91574-76-4
 RI: 800 (biological study)
 (plant-virocidal activity of dioxobenzohydrotriazine enhancement by)

RI 8540-80-6 CAPLOS
 CH 2-Pyridinecarboxaldehyde, 2-[4-[5-(4-morpholinyl)-2,3,4-thiadiazol-2-yl]phenyl]hydrazones (CA INDEX NAME)

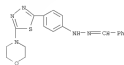


L10 ANSWER 36 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN (Continued)
 PAGE 1-B

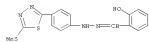


OC CITING REF COUNT: 1 THERE ARE 1 CAPLOS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

L10 ANSWER 37 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN (Continued)
 RI 91574-73-1 CAPLOS
 CH Benzaldehyde, 2-[4-[5-(4-morpholinyl)-1,3,4-thiadiazol-2-yl]phenyl]hydrazones (CA INDEX NAME)



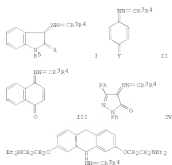
RI 91574-76-4 CAPLOS
 CH Benzaldehyde, 2-hydroxy-, 2-[4-[5-(methylthio)-1,3,4-thiadiazol-2-yl]phenyl]hydrazones (CA INDEX NAME)



L10 ANMERK 39 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1993;174555 CAPLUS
 DOCUMENT NUMBER: 91;6285
 ORIGINAL REFERENCE NO.: 91;26501a,26501a
 TITLE: Agent for chemotherapy against crop plant viruses
 INVENTOR(S): Schuster, Gottfried; Hermann, Lothar; Millitzer, Horst; Schlein, Werner; Ulbricht, Hermann
 PATENT ASSIGNER(S): Ger. Dem. Rep.
 SOURCE: Ger. (East), 19 pp.
 COUNTRY: GERMANY
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 15762	A1	19921101	DD 1981-228757	19810231
PRIORITY APPL. INFO:			DD 1981-228757	19810231

GI



AB The semicarbazones 8332-1 (NHCH2CH2) and 3-V (R1 and R2 = H, Me, CN, Me, pyridyl, pyrrolidyl, N-oxide, N-alkylpyridinium, quinolyl, quinolyl N-oxide, etc.); R3 and R4 = H, CN, Me, thiazolyl, morpholinyl, etc.; R5 = alkyl; R = O or S; Y = O or NHCH2CH2 are plant virostatics. Thus, quinoline-4-aldehyde 5-ethylthiosemicarbazone (4604b-04-5) (2 + 20-2 mg/ml) decreased the concentration of potato X virus in secondarily-infected Nicotiana glauca leaves.
 IT 8540-85-6
 RI, RAC [Biological activity or effector, except adverse]; RSU [Biological]

L10 ANMERK 39 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN
 ACCESSION NUMBER: 1992;466285 CAPLUS
 DOCUMENT NUMBER: 91;6285
 ORIGINAL REFERENCE NO.: 91;1219a,1222a
 TITLE: Substituted 5-amino-4-cyanosulfonamides
 INVENTOR(S): Muller, Horst; Toney, Marion
 PATENT ASSIGNER(S): Akademie der Wissenschaften der DDR, Ger. Dem. Rep.
 SOURCE: Ger. (East), 7 pp.
 COUNTRY: GERMANY
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

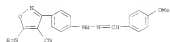
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 152784	A1	19811209	DD 1980-223507	19800926
PRIORITY APPL. INFO:			DD 1980-223507	A1 19800926

OTHER SOURCE(S): CASREACT 91;6285
 GI



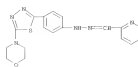
AB 1 (R = alkyl, aralkyl, aryl, argylmethylsulfonamido; R2 = H, alkyl, aryl, aralkyl) were prepared and tested as virostatics. Thus, 4-(6-hydroxy-4-ethoxy-1-methyl-2-methyl-5-aminopyridine-3-yl)-5-aminopyridine-2-carboxamide (1) was active against tobacco etch virus.
 IT 81961-28-6 81961-29-7
 RI, RAC [Biological activity or effector, except adverse]; RSU [Biological]

RI 81961-28-6 CAPLUS
 RI 4-Tetrahydro-2H-pyridine, 5-amino-3-[4-(2-{[4-methoxyphenyl]methyl}amino)phenyl]phenyl]- (CA INDEX NAME)

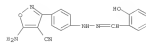


RI 81961-29-7 CAPLUS
 RI 4-Tetrahydro-2H-pyridine, 5-amino-3-[4-(2-{[4-methoxyphenyl]methyl}amino)phenyl]phenyl]- (CA INDEX NAME)

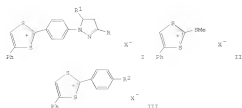
L10 ANMERK 39 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)
 study, unclassified); RIOL [Biological study]
 (virostatic, for plants)
 RI 85240-80-6 CAPLUS
 RI 2-Pyridinecarboxaldehyde, 2-[4-{5-[4-morpholinyl]-2,3,4-thiadiazol-2-yl}phenyl]hydrazono (CA INDEX NAME)



L10 ANMERK 39 OF 59 CAPLUS COPYRIGHT 2011 ACS ON STN (Continued)



L10 NUMBER 40 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)
 ACCESSION NUMBER: 1981:620001 CAPLOS
 DOCUMENT NUMBER: 95:220025
 ORIGINAL REFERENCE NO.: 95:367094,367124
 TITLE: Electrophilic substitution of N-aryl-2-pyrazolines
 reaction with 1,2-dithiolane
 AUTHOR(S): Galla, I. M.; Vakhla, V. H.; Oskov, V. D.
 Zheva's, Nuzhno-Isaid, Inst. Meditsinal. Khim.
 CORRELATE SOURCE:
 COMM.: USSR
 SOURCE: Khimika Geterotsiklicheskikh Soedinenii (1981), (9),
 1145-50
 CODING: KGS5AQ; ISSN: 0453-8234
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 95:220001
 CI



AB Pyrazolines/phenyldithiolium salts I (R = Me, R1 = Ph, X = I, ClO4; R = Ph, R1 = R, X = I, R = R1 = Ph, X = I, ClO4; R = PhCH2CH2, R1 = Ph, X = ClO4) were obtained in 45-81% yields by electrophilic substitution of an appropriate arylpyrazoline by a phenyldithiolium salt II. Containing II with 2,2,2,2-tetrafluoroethane gave 87 and 92% III (X = I, ClO4, R2 = 2,2,2,2-tetrafluoroethyl) (X = ClO4, R2 = 2,2,2,2-tetrafluoroethyl).
 IT 79913-17-02
 RI, R2 (Synthetic preparation); PREP (Preparation)
 (Preparation of)
 RI 79913-17-02 CAPLOS
 CH 1,7-Dithiol-3-ene,
 2-[4-[(1-methyl-2-phenyl-2-methylenehydrazinyl)phenyl]-4-phenyl]-, perchlorate (1:1) (CA INDEX NAME)
 CH 1
 CHN 79913-16-9
 CNF C13 R19 R2 R3

L10 NUMBER 41 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM
 ACCESSION NUMBER: 1980:130334 CAPLOS
 DOCUMENT NUMBER: 92:130334
 ORIGINAL REFERENCE NO.: 92:130334,13288a
 TITLE: Spin-dyeing polymers or mixed polymers of acrylonitrile
 Inventor(s): Reebke, Manfred; Mohr, Reinhard; Rohmann, Kurt
 Patent Assigner(s): Hoechst A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 80 pp.
 CODING: OXAGXK
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY AC. NUM. COMM.: 1
 PATENT INFORMATION: 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 DE 2821913 A1 19791119 DE 1978-2821913 19790516
 DE 2821913 C2 19800819 19790516
 JP 5416878 A 19791211 JP 1979-64096 19790515
 JP 5303195 A 19800504 19790515
 GB 2012099 A 19791211 GB 1979-18304 19790515
 GB 2012099 B 19811006 19790515
 DE 2821913 A 19791119 DE 1978-195425 19790515
 FR 2426752 A 19791211 FR 1979-13466 19790515
 FR 2426752 B 19800816 19790515
 US 4317752 A 19801210 US 1980-538800 19801004
 US 4670712 A 19860819 US 1985-734442 19850515
 PRIORITY APPL. INFO.: DE 1978-2821913 A 19790516
 US 1978-40760 A1 19790511
 US 1981-254851 A1 19810116
 US 1982-420516 A1 19820900
 US 1983-538800 A1 19831004

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LOW DISPLAY FORMAT
 OTHER SOURCE(S): 90:247 91:130334
 CI

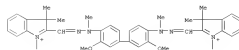


AB Acrylic fibers were dyed fast shades by the addition to the spinning bath of cationic dyes having a migration factor (M) 520, a combination number (N) <2.5, and a cation weight ratio. These dyes show little bleeding in coagulation, drawing, and washing. Thus, 2-8 parts 5% solution of dye (I) [7973-14-3], (M = 2, N = 1-2, cation weight 492) was added to 100 parts 10% solution of 94% acrylonitrile-Me acrylate-Me methylsulfonate

L10 NUMBER 40 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)
 CH 2
 CHN 14797-73-0
 CNF C3 C4
 CH 2
 CHN 14797-73-0
 CNF C3 C4



L10 NUMBER 41 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STM (Continued)
 polymer [26559-88-8], the blue-violet soln. was spun into 50A sq. DMF, stretched, and washed to give a despi-dyed, bluish violet fiber with good fastness. Bleeding in the coagulation, drawing, and washing baths was 0.58, 0.54, and <0.014, resp.
 IT 72970-82-2 72970-88-8
 RI, R2 (Dye)
 (spin dyeing of acrylic fibers by)
 RI 72970-82-2 CAPLOS
 CH 38-Indolium
 2,2'-[[1,3'-dimethyl-1,1'-biphenyl]-4,4'-diylbis[2-methyl-2-hydroxy-1-ylidene(methylidene)]bis[1,2,3-trimethyl-, bis[tetrafluoroborate(1-)] (9CI) (CA INDEX NAME)
 CH 1
 CHN 72970-81-1
 CNF C40 R44 R6 C2



CH 2
 CHN 14874-70-5
 CNF 8 F4
 CCS CCS



RI 72970-88-8 CAPLOS
 CH 38-Indolium
 2,2'-[[1,3'-dimethyl-1,1'-biphenyl]-4,4'-diylbis[2-methyl-2-hydroxy-1-ylidene(methylidene)]bis[1,2,3-trimethyl-, bis[tetrafluoroborate(1-)] (9CI) (CA INDEX NAME)
 CH 1
 CHN 72970-87-7
 CNF C40 R44 R6

L10 ANSWER 44 of 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
 ACCESSION NUMBER: 1975:428073 CAPLUS
 DOCUMENT NUMBER: 83:28073
 ORIGINAL REFERENCE NO.: 83:44894,4492a
 TITLE:
 and
 AUTHOR(S):
 Chupakhin, O. B.; Postovskii, I. Ya.; Ruzanov, V. L.;
 Chazaship, V. N.
 CORPORATE SOURCE:
 SOURCE:
 USSR: Politekhn. Inst. im. Kirova, Sverdlovsk, USSR
 Khimika Geterotsiklicheskikh Soedinenii (1975), (3),
 387-91
 CORDIS: KGS2AQ; ISSN: 0132-4244
 DOCUMENT TYPE:
 LANGUAGE:
 OTHER SOURCE(S):
 CI For abstract(s), see printed CA issue.
 AS Acridinium salts [1, 8 = S, Me, R1 = Ph, p-ClC6H4, p-MeC6H4,
 3,4-(MeO)2C6H3, X = Cl, 2] were obtained in 30-50% yields by heating
 33:1(18)P2 with an acridinium salt in DMF 2 hr at 150°. Addnl.
 obtained were 46-60% of the free ions [7], 8 = H, Me, R1 = Ph, p-ClC6H4,
 p-MeC6H4, 3,4-(MeO)2C6H3, 3,4-(MeO)C6H3, 2-furyl].
 IT 55754-12-1P 55754-12-2P 55754-24-6P
 55754-21-7P 55754-22-8P 55754-26-0P
 55754-25-1P 55754-26-2P 55754-27-3P
 55754-28-4P 55754-30-8P 55754-31-9P
 55626-99-8P
 [preparation of]
 RE 33:1 (Synthetic preparation); PREP (Preparation)
 CH 55754-12-6 CAPLUS
 CH Benzaldehyde, 2-[4-(9-acridinylphenyl)hydrazono, hydrochloride (1:1)]
 (CA INDEX NAME)
 (CA



● HCl

MN 55754-19-3 CAPLUS
 CH Benzaldehyde, 6-chloro-, 2-[4-(9-acridinylphenyl)hydrazono,
 hydrochloride
 (1:1) (CA INDEX NAME)

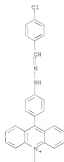
L10 ANSWER 44 of 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



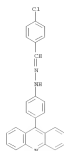
● 2-

RE 55754-22-8 CAPLUS
 CH Acridinum, 2-[4-[2-[(4-chlorophenyl)methylamino]hydrazinyl]phenyl]-10-
 methyl-, iodide (1:1) (CA INDEX NAME)

PAGE 1-A

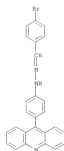


L10 ANSWER 44 of 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)



● HCl

MN 55754-10-6 CAPLUS
 CH Benzaldehyde, 6-bromo-, 2-[4-(9-acridinylphenyl)hydrazono, hydrochloride
 (1:1) (CA INDEX NAME)



● HCl

MN 55754-21-7 CAPLUS
 CH Acridinium, 10-methyl-9-[4-[2-(phenylmethylamino)hydrazinyl]phenyl]-,
 iodide (1:1) (CA INDEX NAME)

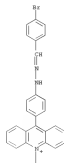
L10 ANSWER 44 of 59 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

Me

● I-

MN 55754-24-0 CAPLUS
 CH Acridinium,
 9-[4-[2-[(4-bromophenyl)methylamino]hydrazinyl]phenyl]-10-methyl-,
 iodide (1:1) (CA INDEX NAME)

PAGE 1-A

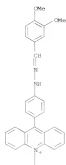


Me

● I-

MN 55754-25-1 CAPLUS
 CH Acridinium,
 9-[4-[2-[(3,4-dimethoxyphenyl)methylamino]hydrazinyl]phenyl]-10-
 methyl-, iodide (1:1) (CA INDEX NAME)

PAGE 1-A



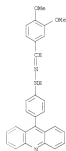
PAGE 2-A



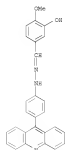
RN 55754-36-2 CAPLUS
CN Benzaldehyde, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



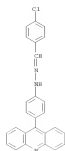
RN 55754-37-3 CAPLUS
CN Benzaldehyde, 4-chloro-, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



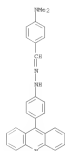
RN 55754-31-9 CAPLUS
CN Benzaldehyde, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



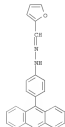
RN 55826-99-8 CAPLUS
CN 2-Formylbenzaldehyde, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



RN 55754-38-4 CAPLUS
CN Benzaldehyde, 4-(dimethylamino)-, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



RN 55754-35-8 CAPLUS
CN Benzaldehyde, 2,4-dimethoxy-, 2-[4-(9-acridinyl)phenyl]hydrazone (CA INDEX NAME)



OS-CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

[illegible]

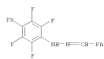
LIO ANHWA 5G 5G OF 1 ACCREDITED NUMBER: DOCUMENT NUMBER: ORIGINAL REFERENCE NO.: TITLE: AUTHOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY AC. NUM. COUNT: PATENT INFORMATION:	CAPLUS COMPTON 2011 ACS ON STN 1964; 79388 CAPLUS 56 79385 56 75486; 154874; 15 4884-8 5-Cyano-2-thiophenyl-3-pyridines Karbach, Rudolph A. E. I. de Pont de Nemours & Co. Unavailable 1
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 501303		19651212	US 1963-605859	19590424
PRIORITY APPL. INFO.				19590424

[illegible]

10 ANIMEN 4.9 OF CARLOS COPIRIGHT 2011 ACS ON (Continued)

point 1 hr.) and steam distn. gave 2.3 g, 2,5,6,6-tetrafluorophenol
b.p. 101-102°C/0.5 mm. IR (KBr): 1610, 1510, 1490, 1470, 1450, 1430, 1410, 1390, 1370, 1350, 1330, 1310, 1290, 1270, 1250, 1230, 1210, 1190, 1170, 1150, 1130, 1110, 1090, 1070, 1050, 1030, 1010, 990, 970, 950, 930, 910, 890, 870, 850, 830, 810, 790, 770, 750, 730, 710, 690, 670, 650, 630, 610, 590, 570, 550, 530, 510, 490, 470, 450, 430, 410, 390, 370, 350, 330, 310, 290, 270, 250, 230, 210, 190, 170, 150, 130, 110, 90, 70, 50, 30, 10, -10, -30, -50, -70, -90, -110, -130, -150, -170, -190, -210, -230, -250, -270, -290, -310, -330, -350, -370, -390, -410, -430, -450, -470, -490, -510, -530, -550, -570, -590, -610, -630, -650, -670, -690, -710, -730, -750, -770, -790, -810, -830, -850, -870, -890, -910, -930, -950, -970, -990, -1010, -1030, -1050, -1070, -1090, -1110, -1130, -1150, -1170, -1190, -1210, -1230, -1250, -1270, -1290, -1310, -1330, -1350, -1370, -1390, -1410, -1430, -1450, -1470, -1490, -1510, -1530, -1550, -1570, -1590, -1610, -1630, -1650, -1670, -1690, -1710, -1730, -1750, -1770, -1790, -1810, -1830, -1850, -1870, -1890, -1910, -1930, -1950, -1970, -1990, -2010, -2030, -2050, -2070, -2090, -2110, -2130, -2150, -2170, -2190, -2210, -2230, -2250, -2270, -2290, -2310, -2330, -2350, -2370, -2390, -2410, -2430, -2450, -2470, -2490, -2510, -2530, -2550, -2570, -2590, -2610, -2630, -2650, -2670, -2690, -2710, -2730, -2750, -2770, -2790, -2810, -2830, -2850, -2870, -2890, -2910, -2930, -2950, -2970, -2990, -3010, -3030, -3050, -3070, -3090, -3110, -3130, -3150, -3170, -3190, -3210, -3230, -3250, -3270, -3290, -3310, -3330, -3350, -3370, -3390, -3410, -3430, -3450, -3470, -3490, -3510, -3530, -3550, -3570, -3590, -3610, -3630, -3650, -3670, -3690, -3710, -3730, -3750, -3770, -3790, -3810, -3830, -3850, -3870, -3890, -3910, -3930, -3950, -3970, -3990, -4010, -4030, -4050, -4070, -4090, -4110, -4130, -4150, -4170, -4190, -4210, -4230, -4250, -4270, -4290, -4310, -4330, -4350, -4370, -4390, -4410, -4430, -4450, -4470, -4490, -4510, -4530, -4550, -4570, -4590, -4610, -4630, -4650, -4670, -4690, -4710, -4730, -4750, -4770, -4790, -4810, -4830, -4850, -4870, -4890, -4910, -4930, -4950, -4970, -4990, -5010, -5030, -5050, -5070, -5090, -5110, -5130, -5150, -5170, -5190, -5210, -5230, -5250, -5270, -5290, -5310, -5330, -5350, -5370, -5390, -5410, -5430, -5450, -5470, -5490, -5510, -5530, -5550, -5570, -5590, -5610, -5630, -5650, -5670, -5690, -5710, -5730, -5750, -5770, -5790, -5810, -5830, -5850, -5870, -5890, -5910, -5930, -5950, -5970, -5990, -6010, -6030, -6050, -6070, -6090, -6110, -6130, -6150, -6170, -6190, -6210, -6230, -6250, -6270, -6290, -6310, -6330, -6350, -6370, -6390, -6410, -6430, -6450, -6470, -6490, -6510, -6530, -6550, -6570, -6590, -6610, -6630, -6650, -6670, -6690, -6710, -6730, -6750, -6770, -6790, -6810, -6830, -6850, -6870, -6890, -6910, -6930, -6950, -6970, -6990, -7010, -7030, -7050, -7070, -7090, -7110, -7130, -7150, -7170, -7190, -7210, -7230, -7250, -7270, -7290, -7310, -7330, -7350, -7370, -7390, -7410, -7430, -7450, -7470, -7490, -7510, -7530, -7550, -7570, -7590, -7610, -7630, -7650, -7670, -7690, -7710, -7730, -7750, -7770, -7790, -7810, -7830, -7850, -7870, -7890, -7910, -7930, -7950, -7970, -7990, -8010, -8030, -8050, -8070, -8090, -8110, -8130, -8150, -8170, -8190, -8210, -8230, -8250, -8270, -8290, -8310, -8330, -8350, -8370, -8390, -8410, -8430, -8450, -8470, -8490, -8510, -8530, -8550, -8570, -8590, -8610, -8630, -8650, -8670, -8690, -8710, -8730, -8750, -8770, -8790, -8810, -8830, -8850, -8870, -8890, -8910, -8930, -8950, -8970, -8990, -9010, -9030, -9050, -9070, -9090, -9110, -9130, -9150, -9170, -9190, -9210, -9230, -9250, -9270, -9290, -9310, -9330, -9350, -9370, -9390, -9410, -9430, -9450, -9470, -9490, -9510, -9530, -9550, -9570, -9590, -9610, -9630, -9650, -9670, -9690, -9710, -9730, -9750, -9770, -9790, -9810, -9830, -9850, -9870, -9890, -9910, -9930, -9950, -9970, -9990, -10010, -10030, -10050, -10070, -10090, -10110, -10130, -10150, -10170, -10190, -10210, -10230, -10250, -10270, -10290, -10310, -10330, -10350, -10370, -10390, -10410, -10430, -10450, -10470, -10490, -10510, -10530, -10550, -10570, -10590, -10610, -10630, -10650, -10670, -10690, -10710, -10730, -10750, -10770, -10790, -10810, -10830, -10850, -10870, -10890, -10910, -10930, -10950, -10970, -10990, -11010, -11030, -11050, -11070, -11090, -11110, -11130, -11150, -11170, -11190, -11210, -11230, -11250, -11270, -11290, -11310, -11330, -11350, -11370, -11390, -11410, -11430, -11450, -11470, -11490, -11510, -11530, -11550, -11570, -11590, -11610, -11630, -11650, -11670, -11690, -11710, -11730, -11750, -11770, -11790, -11810, -11830, -11850, -118

[illegible]



FB 864588-84-2 CAPLUS
CN Propandinitrile, 2-[3-cyano-5-oxo-4-[4-(2-phenylmethylen)hydrazinyl]phenyl]-2-pyrrolidinone- (CA INDEX NAME)



OS CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITATIONS)

ACCESSION NUMBER: 1960-68058 CAPLUS
DOCUMENT NUMBER: 5416814

ORIGINAL REFERENCE NO.: 5413854a-e

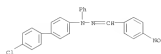
TITLE: Chemistry of free radicals of the hydrazine series. II. Synthesis and properties of α -(p-biphenyl)- β -phenyl- β -naphthylhydrazyl and its halogen derivatives
AUTHOR(S): Matevosyan, E. O.; Postovskii, I. Ya.; Chirkov, A. K.
SOURCE: Zhurnal Obshchei Khimii (1959), 29, 1081-12
CODEN: JORHAK; ISSN: 0044-4604

DOCUMENT TYPE: Journal

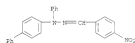
LANGUAGE: Unavailable

AB of. CA 34, 1372g. Heating p-FCBCHNHR2 with p-ClCH2CH2OH in iso-*n*-BuOH with powdered Cu and K2CO3 5-6 hrs. gave p-FCBCHNHR2CH2CH2OH, m. 55-60°, m. 237-60°, and the p-Br analog, 58-64°, m. 240-54°. Similarly were prepared p-ClCH2CH2CH2CH2OH, m. 55-60°, m. 237-60°, and the p-Br analog, 58-64°, m. 240-54°. Dehydration of these above the m.p. gave 798 p-FCBCHNHR2, m. 110-117°, p-ClCH2CH2CH2CH2OH, 798, m. 140-167°, p-Br analog, 798, m. 142-58°. These (in alic. dioxane mixture containing HCl) were treated with NaNO2 to yield p-FCBCHNHR2, 55-60°, m. 137-57°, p-ClCH2CH2CH2CH2OH, 55-60°, m. 110-117°, p-Br analog, 58-64°, m. 140-17°. These were reduced with NaBH4 in alic. dioxane to 25-304 p-FCBCHNHR2, m. 97-87°, p-ClCH2CH2CH2CH2OH, 704, m. 133-57° p-Br analog, 25-304, m. 140-177° these were converted to the corresponding hydrazones with p-FCBCHNHR2, m. 123-57°, 151-37°, and 161-27°, resp. Treatment of the above hydrazones with pyrrol chloride in CHCl3 gave a precipitate of the hydrazine HCl salts while the filtrate on evaporation gave highly colored [2,4,6-(OMe)3C6H2NHR2] (R

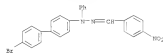
showed) p-FCBCH2, 678, red, m. 145-77° p-ClCH2CH2CH2CH2OH, 678, brown, m. 172-57° p-Br analog, 678, brown, m. 180-11°. Treatment of these with 10 parts NaOH and an equimolar amount of Na2 SO4 in dry CHCl3 gave in 1-1.5 hrs. a solution of the free radicals, which after chromatography on Al2O3 in CHCl3 gave 2,4,6-(OMe)3C6H2NHR2• free radicals (R given): p-FCBCH2, 2 forms (a less soluble black-blue form, 10-154, m. 20-17°, and a more soluble brown form, 25-304, m. 140-177°; p-ClCH2CH2CH2CH2OH, 45-508, nearly black, m. 174-177° p-Br analog, 45-504, nearly black, m. 185-67°. They were rapidly reduced with hydrazine to the original hydrazines. Measurements of paramagnetic electronic resonance in these radicals gave the following ΔH in oersteds: 1.11, 1.22 and 1.27, resp. The small effect of substituents was discussed at least.
IT 102884-43-1 102893-18-5 117751-32-9
[Derived from data in the 6th Collective Formula Index (1957-1961)]
IR 102884-43-1 CAPLUS
CN Benzaldehyde, 4-nitro-, 2-(4'-chloro[1,1'-biphenyl]-4-yl)-2-phenylhydrazones (CA INDEX NAME)



FB 102893-18-5 CAPLUS
CN Benzaldehyde, 4-nitro-, 2-[1,1'-biphenyl]-4-yl)-2-phenylhydrazones (CA INDEX NAME)



FB 117751-32-9 CAPLUS
CN Benzaldehyde, 4-nitro-, 2-(4'-nitro[1,1'-biphenyl]-4-yl)-2-phenylhydrazones (CA INDEX NAME)



ACCESSION NUMBER: 1960-6814 CAPLUS
DOCUMENT NUMBER: 5416814

ORIGINAL REFERENCE NO.: 5413709a,1379a

TITLE: Chemistry of free radicals of the hydrazine series. I.

Some derivatives of α -(p-biphenyl)- β -phenylhydrazyl:
AUTHOR(S): Matevosyan, E. O.; Postovskii, I. Ya.; Chirkov, A. K.
SOURCE: Zhurnal Obshchei Khimii (1959), 29, 808-84
CODEN: JORHAK; ISSN: 0044-4604

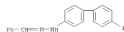
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Nitration of appropriate anilines in concentrated HCl-H2SO4 gave 848 p-FCBCHNHR2, m. 45-151°, and 80-58° p-Cl analog, 84-77°. These with 2n dust in EtOH at 0° were treated with AcOH, heated to boiling and filtered. Concentration and addition of excess concentrated HCl gave 20-404 p-FCBCHNHR2, m.p. indefinite, and the p-Cl analog, 30-54. These with NaOH gave the free hydrazines p-FCBCHNHR2, m. 167°, and the p-Cl analog, 186-58°. These formed the benzylidene deriv., m. 38-100° and 119-217°, resp., and p-nitrobenzylidene deriv., m. 164-64° and 150-141°, resp. Treatment of these hydrazines with 2,4,6-trinitrobenzylidene in CHCl3, followed by concentration and treatment with hot EtOH gave p-FCBCHNHR2CH2CH2OH, 25-304, m. 137-57°, and the p-Cl analog, red prism, m. 182-47°, the p-Br analog, orange prism, m. 179-87°. These with HNO2 and NaNO2 were shaken in CHCl3 to yield violet solns. which, after filtration, concentration and addition of Et2O, gave the free radicals p-FCBCHNHR2CH2CH2OH (2,4,6), m. 163-47° (paramagnetic resonance g-factor 2.050, ΔH 4.1 oer., A 20); p-Cl analog, m. 161-27° (2.001, 1.5, 280); p-Br analog, m. 153-47° (2.002, 2.2, 170). The greatest exchange force interaction was thus found

in the unsubstituted hydrazyl and the least in the F-derivative, which thus had the greatest localization of the unpaired electron in the group of the hydrazyl radicals.

IT 1546-13-1
IR 1546-13-4 CAPLUS
CN Benzaldehyde, 2-(4'-fluoro[1,1'-biphenyl]-4-yl)-2-phenylhydrazones (CA INDEX NAME)




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L10 ANMMSE 56 OF 55 CAPLOS COPYRIGHT 2011 ACS ON STN (Continued)
pyrolysis product, according to refractive index and ultraviolet
absorption, contained 57% 1-phenylhexene and 43% 111.
IT 109379-09-8 111293-71-1 111584-65-7
113181-36-5
P02 109379-09-8 CAPLOS
C03 Benzaldehyde, 2-hydroxy-, 2-[1,3'-biphenyl]-4-ylhydrazonone (CA INDEX
NAME)

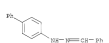
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R01 111293-71-1 CAPLOS
C01 Benzaldehyde, 2-(1,3,5-trimethyl-4-vinylpyrazole) (CA INDEX NAME)

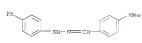
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EN Acetanide, N-[4-[(2-{[1,3'-biphenyl]-4-ylhydrazinylidene)methyl]phenyl]-



IN 123181-34-5 CAPLOS
 CN Benzaldehyde, 4-(diethylamino)-, 2-[2,2'-biphenyl]-4-ylhydrazone (CA
 INDEX NAME)



ANMERK 54 OF 59 CAPLIPS COPYRIGHT 2011 ACS ON STM (Continued)

of the mother liquor with Et₂O gave 250 mg. acid which when repeatedly sublimed gave phthalic anhydride, m. 129-30°. In the Betti dehydration (C.A. 49, 5364c) the alca. were converted by Na₂CO₃ to the acid chloride in CS₂ and H₂O and then to the acid anhydride in esters. Crude XIII (94%), n_D20 1.5320, and XIII (89%), m. 46-8°, were pyrolyzed without purification and the olefins produced redist. in vacuo over CaH₂ to give material with properties as reported [X in (PHE)2C6H4, except. used, method, 1-ph deriv., 3-ph deriv., and 4-ph deriv. not reported]. *ANMERK 55 OF 59 CAPLIPS COPYRIGHT 2011 ACS ON STM* 10.

[illegible]

on refluxing CCl₄ by adding H₂ under irradiation with a tungsten lamp, the residue of crude α -[1-chlorocyclopentyl]benzyl bromide added 10 g of 10% NaOH solution and 10 g of 10% Na₂S₂O₃ solution. The mixture was stirred for 10 min, the addn. a further 50 g. In dist. add and the mixt. stirred 8 hr., and

The product isolated 50 g. crude V, b.p. 115-119°. Attempted dist. from Na at 14 mm. apparently led to rearrangement to benzylcyclopentane. Distn. over Na at 1.5 mm. gave pure V, b.p. 98-100°/10 mm. n_D^{20} 1.432-1.432. n_D^{25} 1.423-1.423. d_4^{20} 1.066-1.066. Cyclopentylcarbinol presnt. in poor yield from cyclopentylmagnesium bromide

with BrH 50% 1.432-1.432. n_D^{20} 1.432-1.432. This material was converted to crude V, which however did not cryst. even when cooled to -70° and contained some sulfoxide by-product. The spectra of V, prepd. by the above

[illegible]

110 ANNNNN 17 OF 59 CAPLOS COPYRIGHT 2011 ACS ON STN
ACCESSION NUMBER: 195045425 CML/US
DOCUMENT NUMBER: 4445425
ORIGINAL REFERENCE NO.: 448661d-1
TITLE:
Triphenylmethane dyes containing the hydrazine group
and their condensation products with aldehydes
AUTHOR(S): Ruhn, Lester F.; Dehlinger, Louis
CORPORATE SOURCE: Ballistic Research Lab., Aberdeen, MD, USA
SOURCE: Journal of the American Chemical Society (1949), 71

3084-8
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Three hydrazinotriphenylmethane dyes were prepared and tested with

aldehydes to yield the corresponding hydrazones. An explanation is provided for the color change accompanying this reaction which corrects misconceptions of previous workers. The absorption of these compds. in the visible region was measured. The usefulness of these dyes as reagents for the qualitative determination of aldehydes is demonstrated and the possibility of using

Quant. detns. indicated. The relation between the color and the constitution of the comps. is discussed and the principles set forth by previous workers on other dyes have been extended (Brooker, *Can. J. 37*, 1657; T. Tolbert, et al., *Can. J. 39*, 2461-9; 40, 2384-6). The dyes are of the former Dyes I and II were prepared by the hydrolysis of the corresponding benzalhydrazones. Absorption spectra of I, II, and III are given. They were not isolated but were used in the solns. in which they were prepared (see preceding paper). The color of the benzalhydrazone was replaced by the pseudo dichloride of α -sulfobenzoic acid. $\text{PhC(=O)Cl} + 2\text{PhC(=O)NHPh} \rightarrow \text{PhC(=O)N(Ph)C(=O)NHPh} + \text{PhC(=O)Cl} + 2\text{HCl}$
[C₁₈H₁₂N₂O₂S] + Cl₂ + 2H₂O \rightarrow 2H₂SO₄ 2HCl +
[C₁₈H₁₂N₂O₂S] + Cl₂

17	855950-04-8P, a,a-bis(p-hydrazinophenyl)-a-hydroxy-o-toluenesulfonic acid sulfone EL: PNEP (Preparation) [preparation of]
80	855950-04-8 .CAPLOS

CH Benzaldehyde, 4-methoxy-, 2-[4-[3-[4-[2-[14-methoxyphenyl)methylene]hydrazinyl]phenyl]-3,2-dioxido-3H-2,1-benzoxathiol-3-yl]phenyl]hydrazone (CA INDEX NAME)

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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-51.33

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